

**United States Department of Agriculture****BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE****SERVICE AND REGULATORY ANNOUNCEMENTS****LIST OF INTERCEPTED PLANT PESTS, 1941**

(List of Pests Recorded During the Period July 1, 1940, to June 30, 1941, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

**INTRODUCTION**

This report covers the twenty-eighth year for which records of interceptions have been issued. The data in the main detailed table are arranged under alphabetical lists of the pests and pathogens, as was done last year for the first time, but three columns headed "Consumption," "Nonentry," and "Propagation," have been substituted for the five columns headed "Cargo," "Mail," "Baggage," "Quarters," and "Stores." Items in the "Consumption" column include pests and pathogens found in, on, or with material offered for entry for consumption, as food or feed, and for use in manufacturing or processing, as well as packing for these and other materials, whether or not their entry was permitted. Since such materials are often so distributed or so handled as to enable accompanying pests to become established, items in this column may represent considerable risk. Items in the "Nonentry" column include organisms found associated with non-entry material, e. g., in stores and quarters, or en route to other countries. Such findings usually represent a relatively smaller risk, as temporary safeguarding is all that is necessary, although flying insects, air-borne pathogens, and garbage may require prompt attention to eliminate danger. Items in the "Propagation" column include some of the insects, pathogens, and related or associated forms of interest found in, on, or with plant material offered for entry for propagation purposes and believed to be associated with that material. Insects and diseases found in, on, or with the packing materials and clearly not associated with the propagation material would be listed in the "Consumption" column, if listed at all. While the quantity of material offered for entry for propagation is relatively small, interceptions on such material are important because if the parasites were allowed to go forward they would be likely to become established and distributed with their hosts. Thus the three new groups have been adopted as giving a more accurate reflection of the relative pest risk represented by the items listed therein than did the five groups used heretofore.

It may be noted that a considerable proportion of the pests listed in the detailed table were found in, on, or with material for propagation in spite of the relatively small volume of such material. Among the factors contributing to this result are the more intensive inspection of such of this material as is entered in limited quantities under special permit, the fact that some of this material represents types not previously imported in such volume or over a long enough period of time to insure establishment of their pests, and the further fact that much of it comes directly or indirectly from relatively new or unusual points of origin.

While many of the plant materials entered in large quantities carry few new pests, there are, from time to time, initial shipments of new products as well as of old products from new areas. Then, too, faster transportation and refrigeration aid additional pests from various parts of the world in gaining a foothold in areas from which we have imported for many years. Many of our relatively common pests and diseases vary considerably on different hosts and under different environmental conditions. New foreign insects and, especially, new foreign plant diseases may so closely resemble variants of species already established here that extreme care is required to detect them. Any insect or disease record which has not been published sufficiently often to establish it as a more or less regular finding may be included in the detailed table as a matter of interest.

War conditions resulted in reduction or elimination of interceptions from some countries, but the number of interceptions listed in the detailed table shows less change than has resulted from other factors in times past.

## NOTES ON INSECTS INTERCEPTED

### FRUITFLIES

*Anastrepha fraterculus* was intercepted at Boston in grapefruit in stores from Argentina and Trinidad. The Mexican fruitfly (*Anastrepha ludens*) was intercepted 173 times in 9 different hosts in baggage, quarters, and stores from Mexico. *A. mombinpraeoptans* was taken 35 times in 3 different hosts in baggage, mail, quarters, and stores from 7 countries. The dark fruitfly (*A. serpentina*) was taken 13 times in 4 hosts in baggage, mail, and quarters from Colombia, Mexico, and Trinidad. *A. suspensa* (larva) was intercepted in grapefruit and guava in baggage and stores from Cuba, Haiti, and Puerto Rico and (puparium) in bag of guavas and genips in baggage from Puerto Rico. The Mediterranean fruitfly (*Ceratitis capitata*) was intercepted 10 times in 8 different hosts in baggage and stores from 6 countries. The melon fly (*Dacus cucurbitae*) was taken at San Diego in string beans in quarters from Hawaii. The celery fly (*Philophylla heraclei*) was intercepted at New York in celery in stores from England. The apple maggot (*Rhagoletis pomonella*) was intercepted 4 times at Laredo in red haw and apple in baggage from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was taken only once during the year, in papaya in baggage from Mexico.

### INSECTS OTHER THAN FRUITFLIES

In addition to the usual insects of major importance, such as the pink bollworm (*Pectinophora gossypiella*), the West Indian sweetpotato weevil (*Euscepes postfasciatus*), the Asiatic rice borer (*Chilo simplex*), the East Indian bean pod borer (*Maruca testulalis*), the yam weevil (*Palaeopsis costicollis*), the citrus blackfly (*Aleurocanthus woglumi*), and the turnip gall weevil (*Ceutorhynchus pleurostigma*), many of the insects in the detailed table have been intercepted for the first time, or for the first time on the host indicated, or for the first time from the country indicated, or are of special interest for some other reason. References to "first record" in these notes refer to our interception records only. The insects fall in different groups, cover a wide host range, and come from many parts of the world, e. g., *Aonidiella comperei* (Coccidae) (first record on grape and first record from Haiti), *Xanthophthalma concinnum* (Coccidae) (first record for files), *Bruchidius incarnatus* (Bruchidae) (first record in broadbean and reported as seriously injurious to broadbeans in Egypt), *Eurytoma pistaciae* (Eurytomidae) (first record for files), *Euxesta annonae* (Otitidae) (first record in corn, also first record from Cuba and Bahamas), *Limothrips denticornis* (Thripidae) (first record on *Helleborus niger*), and *Mordellistena chapini* (Mordellidae) (first record from Peru).

## NOTES ON PLANT DISEASES INTERCEPTED

The data regarding completely determined pathogens included in the main table are readily found. However, attention is called to the fact that citrus canker (*Bacterium citri*) was intercepted on several hosts and from several countries, the sweet orange scab (*Elsinoe australis*) continued to be found occasionally in citrus from South America, and that citrus black spot (*Phoma citricarpa*), long known in the orient, is now established in South Africa and was found on citrus fruit from there. Lima bean scab (*Elsinoe phaseoli*), which is so common on shipments from Cuba that it is listed among the common diseases, continued to be found more or less frequently. *Helminthosporium allii*, which occurs as dark mycelium and spores, especially on garlic from Mexico, is another pathogen which has been found so often that it is listed as a common disease. A fungus new to our interception lists is *Dendrodochium lycopersici*, heretofore known from Belgium, found on tomatoes from Mexico. One or more of the oriental strains of the lespedeza rust (*Uromyces lespedezae-procumbentis*) was intercepted again with seed from Japan. The so-called Dutch elm disease (*Ceratostomella ulmi*) was found again on several lots of elm crating from England. A new disease tentatively determined as caused by *Sclerotinia kernerii*, a fir pathogen described from Austria and not known to occur in North America, was found on Christmas trees from Newfoundland and on greens from Nova Scotia. An examination of the list of fungi found on orchids shows that they continue to furnish a variety of new records.



## COMMON PESTS INTERCEPTED

Many pests and diseases known to occur in this country or found frequently on certain material offered for entry are recorded on tally sheets instead of on the more complete record forms. While many of the findings of these common forms never get recorded at all, enough are recorded to aid in giving a picture of the condition of material inspected, from the standpoint of pests present. It is recognized that foreign strains of some of these common pests and diseases might be destructive if established here, but inspectors would have no way of determining that point. In the following summary of these pest and disease records the numbers following the names of the organisms indicate the number of countries from which interceptions were made and the total number of records made during the year.

## INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (5-114), *Ahasverus advena* (18-42), *Anthonomus eugeniae* (3-5,353), *Aonidiella aurantii* (8-19), *Aphis gossypii* (14-218), *Araecerus fasciculatus* (14-43), *Aspidiotus camelliae* (10-15), *A. cyanophylli* (8-18), *A. hederæ* (15-89), *A. lataniae* (19-177), *A. perniciosus* (5-31), *Brevicoryne brassicae* (7-151), *Carpocapsa pomonella* (8-211), *Cathartus quadricollis* (3-53), *Cerataphis lataniae* (9-95), *Chrysomphalus aonidum* (14-69), *C. dictyospermi* (12-59), *Coccus hesperidum* (17-80), *Diaspis boisduvalii* (21-437), *D. bromeliae* (4-466), *Ephestia cautella* (4-20), *Etiella zinckenella* (7-143), *Frankliniella williamsi* (1-166), *Gnorimoschema operculella* (13-168), *Heliothis armigera* (9-6,997), *H. virescens* (6-179), *Hippodamia convergens* (1-90), *Howardia biclavata* (8-37), *Laphygma frugiperda* (4-665), *Lasioderma serricorne* (8-30), *Lepidosaphes beekii* (29-162), *L. gloverii* (7-21), *Macrosiphum solanifolii* (5-230), *Myzus persicae* (9-396), *Necrobia rufipes* (7-31), *Oryzophilus surinamensis* (7-89), *Parlatoria pergandii* (10-35), *P. proteus* (9-39), *Pinnaspis aspidistrae* (4-23), *P. minor* (5-127), *Plodia interpunctella* (8-90), *Pseudococcus adonidum* (9-17), *P. brevipes* (7-465), *P. citri* (12-54), *P. maritimus* (8-14), *Rhizoglyphus hyacinthi* (9-61), *Rhizopertha dominica* (3-69), *Rhopalosiphum pseudobrassicæ* (3-95), *Saissetia hemisphaerica* (19-160), *S. nigra* (7-32), *S. oleae* (11-30), *Selenaspidus articulatus* (12-23), *Sitophilus oryza* (13-68), *Sitotroga cerealella* (6-24), *Tenebroides mauritanicus* (7-26), *Thrips tabaci* (13-291), *Tribolium castaneum* (12-39), *T. confusum* (2-28), and *Typhaea stercorea* (6-70).

In addition to the listed species of common insects, there were 5,100 interceptions belonging to 678 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of insects included in this paragraph, 24,044.

## DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (32-203), *Albugo candida* (2-72), *Alternaria solani* (2-190), *A. tomatum* (2-1,991), *Aplanobacter michiganense* (1-31), *Aspergillus niger* (27-383), *Bacillus carotovorus* (9-29), *Bacterium marginatum* (5-13), *B. phaseoli* (2-58), *B. punctilans* (1-199), *B. vesicatorium* (5-2,468), *Bolrytis cinerea* (16-86), *B. tulipae* (1-16), *Capnodium citri* (8-13), *Cephalothecium roseum* (12-63), *Ceratostomella adiposum* (2-20), *C. fimbriata* (2-41), *C. paradoxa* (18-269), *Cercospora beticola* (3-774), *C. rosicola* (1-63), *Cladosporium cucumerinum* (1-13), *C. fulvum* (2-175), *Colletotrichum circinans* (3-256), *C. gloeosporioides* (13-668), *C. lindemuthianum* (10-148), *C. orchidearum* (5-30), *C. phomoides* (1-25), *Cylindrosporium chrysanthemi* (1-12), *Diaporthe phaseolorum* (1-11), *Diplocarpon rosae* (4-37), *Diplodia natalensis* (21-49), *Elsinoe fawcettii* (13-45), *E. phaseoli* (2-387), *Erysiphe graminis* (3-45), *E. polygoni* (2-62), *Fusarium moniliforme* (2-10), *Gloeosporium limetticolum* (9-149), *G. musarum* (4-32), *Glomerella cingulata* (8-58), *Helminthosporium allii* (3-149), *H. sativum* (3-29), *Heterodera marioni* (15-17), *Mycosphaerella pinodes* (4-23), *Oospora lactis parasitica* (5-67), *Penicillium digitatum* (12-30), *P. italicum* (9-17), *Pestalotzia guepini* (4-15), *Phoma destructiva* (4-50), *Phomopsis citri* (21-138), *P. vexans* (5-427), *Phytophthora infestans* (6-80), *P. terrestris* (2-319), *Puccinia allii* (8-18), *P. chrysanthemi* (1-10), *P. graminis* (20-53), *P. porrii* (4-19), *P. rubigo-vera* (13-53), *P. tageticola* (1-23), *Pucciniopsis caricae* (3-55), *Pythium debaryanum* (1-24), *Rhizoctonia bataticola* (2-16), *R. solani* (18-706), *Rhizopus nigricans* (23-590), *Sclerotinia sclerotiorum* (8-17), *Sclerotium oryzae* (12-55), *S. rolfii* (3-17), *Septoria apii* (7-10), *Sphaceloma perseae* (3-418), *Spondylocadium atrovirens* (15-52), *Uromyces phaseoli typica* (2-51), *Ustilago zeae* (2-16), *Venturia inaequalis* (16-41), *V. pyrina* (3-19), and *Verticillium cinnabarinum* (12-41).

In addition to the listed species of common diseases, there were 212 interceptions belonging to 83 different species which were intercepted less than 10 times each. Total of diseases included in this paragraph, 13,071.

### INCOMPLETELY DETERMINED PESTS

Many insects and pathogens are in such a condition that no accurate determination is possible. Others are new to science or belong in species not represented in the collections of authoritative material and are not described in sufficient detail to make positive determinations possible.

#### INSECTS

Among the incompletely determined insects were a number of fruitflies. *Anastrepha* sp., probably *fraterculus* (Wied.), was intercepted at Baltimore, Mobile, and New York in grapefruit, guava, mango, and orange in baggage, quarters, and stores from Argentina, Brazil, Trinidad, and Venezuela. *Anastrepha* sp., probably *ludens* (Lw.) was taken at Laredo in orange and corn in baggage from Mexico. *Anastrepha* sp., probably *mombinpraeoptans* Sein, was intercepted at New Orleans and New York in mango in baggage from Honduras and Puerto Rico. *Anastrepha* sp., probably *serpentina* (Wied.), was taken at Boston in grapefruit in stores from Argentina. *Anastrepha* sp. was intercepted at Boston, Brownsville, El Paso, Laredo, and New Orleans in grapefruit, guava, mango, sapote, and *Spondias mombin* in baggage and stores from Argentina, Canal Zone, Mexico, and Trinidad. *Ceratitis* sp. was taken at Boston and Philadelphia in grapefruit and orange in stores from the Union of South Africa. *Epochra* sp. was intercepted at El Paso in currant in baggage from Mexico. *Xanthaciura* sp. was intercepted at New York in *Ageratum* sp. in baggage from Jamaica. Four interceptions which could not be identified beyond family (Euribiidae) were made at Calexico, Calif., El Paso, Inspection House in Washington, D. C., and New Orleans in *Agaricus campestris*, *Elaeagnus* sp., and *Ribes* sp., and under box of fruit on deck of ship, from Cuba, Iran, and Mexico.

The following thrips could be identified to genus only: *Diceratothrips* sp. intercepted at Brownsville and Laredo on pineapple in cargo from Mexico; *Hoplandrothrips* sp. intercepted at Brownsville, Inspection House in Washington, D. C., Honolulu, and San Francisco on *Cattleya* spp., kapok, *Oncidium varicosum*, unnamed orchid, *Phalaenopsis leucorrhoda*, pineapple, *Prunus* sp., and *Vanda luzonica* in cargo and mail from Brazil, Canal Zone, Colombia, Japan, Mexico, and Philippines; *Isochaetothrips* sp. intercepted at Brownsville on Cape-jasmine in baggage and cargo from Mexico; *Karnyothrips* sp. intercepted at San Francisco on *Oncidium ornithorhynchum* in cargo from Guatemala; *Neurothrips* sp. intercepted at Brownsville on pineapple in cargo from Mexico.

The following whiteflies could be identified to genus only: *Aleurocanthus* sp. intercepted at New Orleans on dry leaves in mail from British Honduras; *Aleurodicus* sp. intercepted at Brownsville on orchid in baggage from Mexico; *Aleuroparadoxus* sp. intercepted at Inspection House in Washington, D. C., on *Eugenia cauliflora* in cargo from Brazil; *Aleurothrixus* sp. intercepted at Brownsville on Cape-jasmine in baggage from Guatemala; *Aleurotrachelus* sp. intercepted at Hoboken, New York, and San Francisco on bromeliad, *Laurus nobilis*, orchid, and *Tillandsia* sp. in cargo, mail, and stores from Brazil, Costa Rica, and Guatemala; *Tetrallcia* sp. intercepted at Nogales on oak leaf in baggage from Mexico.

In addition to the foregoing incompletely identified insects, the following miscellaneous insects were intercepted: *Ambia* sp., probably *fulvitinctatis* Hamps. (Pyraustidae), was intercepted at Brownsville in an airplane from Guatemala. *Apsilocephala* sp. (Therevidae) (new to the Museum collection) was intercepted at El Paso in mustard in cargo from Mexico. *Aspidobothrys* sp. (Miridae) was intercepted at Hoboken and San Francisco on *Cattleya mossiae*, *Cattleya* sp., and unnamed orchid in cargo from Colombia and Venezuela. *Autographa* sp., probably *brassicae* Riley, was taken at Brownsville in string bean in baggage from Mexico. *Aximogaster* sp. (Eurytomidae) was intercepted at Hoboken on orchid in cargo from Colombia and Venezuela. *Bruchus* sp., probably *flexicaulis* (Schaeffer) (Bruchidae), was intercepted at Brownsville in ebony bean in baggage from Mexico. *Bruchus* sp., probably *guttalis* Rey. (Bruchidae), was taken at New Orleans and New York in vetch seed in cargo from Brazil and Portugal. *Bythoscopus* sp., probably *rufoscutellatus* (Baker) (Cicadellidae), was intercepted at Laredo on feverfew in baggage from Mexico. *Calendra* sp., perhaps *phoeniciensis* Chitt. (Curculionidae), was intercepted at El Paso in radish in cargo from Mexico.



*Ceutorhynchus* sp., probably *quadridens* Panz. (Curculionidae), was taken at New York in cabbage in stores from England. *Chilo* sp. (Crambidae) was intercepted at Calexico, Calif., on lemon grass and sugarcane in baggage from Mexico. *Conotrachelus* sp., near *similis* Boh. (Curculionidae), was intercepted at Portland, Oreg., in sapote in quarters from Cuba. The termite *Coptotermes* sp. was taken at Portland, Oreg., in taro in cargo from China. *Curculio* sp., probably *elephas* (Gyll.) (Curculionidae), was intercepted at Philadelphia in chestnut in stores from Spain. *Cylas* sp., probably *femoralis* Faust (Curculionidae), was taken in sweetpotato at Baltimore in stores from Gold Coast, Africa. *Cylindrocopturus* sp., near *adspersus* (Lec.) (Curculionidae), was intercepted at Brownsville in *Agave* sp. in baggage from Mexico. *Gonatas* sp. (Lygaeidae) was taken at Hoboken with *Cattleya* sp. in cargo from Venezuela. *Heliodines* sp., probably *bella* (Chamb.) (Heliodinidae), was intercepted at El Paso and Nogales in pepper, purslane, and Swiss chard in baggage from Mexico. *Homoeosoma* sp., probably *electellum* (Hlst.) (Phycitidae), was intercepted at Brownsville on chrysanthemum in cargo from Mexico. *Marmara* sp. (Gracilariidae) was intercepted at Brownsville, Hidalgo, New York, and Nogales in avocado, grapefruit, orange, and pepper in baggage, cargo, and stores from Mexico and Trinidad. *Merodon* sp. (Syrphidae) was taken at Hoboken and San Francisco in *Gladiolus* sp. and narcissus bulb in baggage and mail from Canada and Turkey. *Neodryocetes* sp. (Scolytidae) was intercepted at New York in *Erythrina* sp. seed in cargo from Trinidad. *Neolecanium* sp. (Coccidae) was intercepted at Laredo on *Cereus* sp. in cargo from Mexico. *Neopithophthorus* sp. (Scolytidae) was taken at New York in wood in cargo from Mexico. *Scolytus* sp. (Scolytidae) was intercepted at New York in elm in cargo from England. *Tinea* sp. (Tineidae) was intercepted at New York on mushroom in cargo from China.

In addition to the incompletely determined insects listed above, there were 6,275 interceptions which could be identified to genus only. These were distributed among 714 genera. A total of 198 could be determined to family, subfamily, or tribe only. Total of insects included in this paragraph, 6,773.

#### DISEASES

Of the partially determined plant disease interceptions which were recognized to be unusual more than half (mostly on orchids) were found on material offered for entry for propagation. Those on orchids included *Collectotrichum* sp., with spores too narrow for *C. orchidearum* All., on *Odontoglossum* hybrids from England; *Coniothyrium* sp., with spores larger than in any species reported on orchids, on *Epidendrum aurantiacum* from Guatemala; *Gloeosporium* sp., with spores longer than those of *G. cyripedii* Verpl. (the only species reported for the host genus), on *Cyripedium callosum* from Thailand; *Gloeosporium* sp., no species recorded on the host genus, on *Trichopilia tortilis* from Guatemala; *Microthyrium* sp., no previous reports found for orchids, on *Epidendrum* sp. from Mexico; *Mycogone* sp., no species reported on orchids, on *Cattleya* sp. from Brazil; *Phyllosticta* sp., unlike any species described on orchids, on *Cattleya* sp. from Brazil, *Cyripedium* sp. from England, *Dendrobium phalaenopsis* from the Philippines, and *Schomburgkia humboldtii* from Venezuela; *Scolecopeltidium* sp., or a related form in this imperfectly known group of fly-speck fungi, on orchids from Brazil; and *Uredo* sp. (no rust has been reported for the host genus) on *Miltonia vexillans* from Mexico.

Other partly determined pathogens on material for propagation included *Glomerella* sp. (no species reported on host genus) on *Stenospermation sessile* (a climber of the arum family) from Guatemala; *Phyllosticta* sp., unlike any described species, found on ash (*Fraxinus ornus*) seed from Italy; *Pratylenchus* n. sp., a new nematode, found in a *Lilium longiflorum* bulb from Cuba; and *Pestalotzia* sp. (no species found reported on the genus) on *Marica coerulea grandiflora* (an iris relative) from Costa Rica.

While material entered for consumption does not represent such acute danger as propagation material, there is often a possibility that such material may be so handled as to permit escape and establishment of accompanying pests and diseases. Among the partially determined fungi found on material in the consumption entry class were *Cercospora* sp., possibly the same one found on this host in Florida, on avocados from Mexico; *Cercospora* sp. on husk tomato from Mexico; *Gloeosporium* sp., no species described for host genus, on cattails used to pack fish from Mexico; *Sphaeropsis* sp., closely resembling the apple black rot pathogen (*S. malorum*), on a pine cone from Mexico; *Sphaeropsis* sp., so determined although it did not have the characters of the genus, on *Citrus medica* from Palestine; *Ophiobolus* sp., not *O. graminis*, on grass from Liberia; *Rosellinia* sp. on wild grass

from Mexico; *Phoma* sp., a doubtful determination, on *Passiflora edulis* in air baggage from the Azores; *Puccinia* sp., unlike rusts reported for the host, on *Phragmites communis* from Mexico; *Phyllosticta* sp., spores apparently too small for *P. lagerstroemiae*, on crapemyrtle from Mexico; *Phyllosticta* sp., no species reported on host, on *Lawsonia inermis* (henna) from Anglo-Egyptian Sudan; and *Ceratophorum* sp., unlike *C. setosum* which causes a leaf disease of legumes, on *Erythroxylon coca* (cocaine tree) in several shipments from Peru.

A total of 6,564 partially determined pathogens from inspected materials were recorded during the year. These pathogens represented 113 genera.

## ENTOMOGENOUS FUNGI

Collections of entomogenous fungi reported during the year included *Acrostagmus albus* on aphids on a radish in stores from Puerto Rico; *Aschersonia* sp. on unnamed host on a citrus leaf from Puerto Rico; *Cephalosporium lecanii* Zimm. on *Coccus acuminatus* on Cape-jasmine from Canal Zone and Cuba and on gardenia from Costa Rica and Panama, on *Coccus viridis* on Cape-jasmine from Cuba (13) and Venezuela and on gardenia from Cuba (2), and on *Protopulvinaria pyriformis* on gardenia from Costa Rica; *Myriangium duriaei* Mont. & Berk. on *Lepidosaphes beckii* on citrus from Bahamas and Dominican Republic; and *Nectria diploa* on *Lepidosaphes beckii* on grapefruit from Bahamas, Cuba (2), Honduras (2) and Puerto Rico, on orange from Bahamas and Cuba (2), on sweet lemon from Cuba, on lime from Puerto Rico, and on citrus leaf from Cuba; on *L. gloverii* on citrus leaf from Cuba; on *Selenaspidus articulatus* on grapefruit from Honduras and Puerto Rico.

## Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases	Country	Insects	Diseases
Number	Number	Number	Number	Number	Number
Africa:			Europe—Continued.		
Africa.....	0	1	Turkey.....	0	1
Angola.....	1	0	Yugoslavia.....	0	1
British East Africa.....	1	0	North America:		
Canary Islands.....	1	0	Bermuda.....	3	4
Egypt.....	1	0	Canada.....	16	5
Ethiopia.....	1	0	British Columbia.....	1	1
Gold Coast.....	1	0	Nova Scotia.....	0	1
Kenya.....	0	2	Central America:		
Medeira Islands.....	1	1	British Honduras.....	1	0
Union of South Africa.....	6	7	Canal Zone.....	27	4
Asia:			Costa Rica.....	16	38
China.....	47	8	Guatemala.....	67	14
Chosen.....	2	0	Honduras.....	21	2
French Indo-China.....	9	0	Panama.....	7	1
India.....	9	2	Greenland.....	0	1
Iran.....	14	0	Mexico.....	8,622	498
Japan.....	137	42	Newfoundland.....	0	3
Malaya (British).....	1	0	West Indies.....	1	0
Palestine.....	1	0	American Virgin Is-		
Straits Settlements.....	2	0	lands.....	6	0
Thailand.....	10	4	Bahamas.....	35	2
Australasia:			Barbados.....	3	0
Australia.....	9	6	Cuba.....	399	74
Dutch East Indies.....	5	1	Dominica.....	1	0
Fiji Islands.....	1	0	Dominican Republic.....	7	0
Hawaii.....	60	1	Guadeloupe.....	1	1
Java.....	12	2	Haiti.....	14	25
New Zealand.....	0	1	Jamaica.....	19	18
Philippines.....	41	10	Martinique.....	0	1
Queensland.....	1	0	Puerto Rico.....	60	5
Sumatra.....	1	0	St. Lucia.....	1	0
Europe:			St. Vincent.....	2	0
Azores.....	7	3	Tahiti.....	2	0
Belgium.....	1	0	Trinidad.....	21	2
England.....	77	38	Virgin Islands.....	4	1
Europe.....	2	0	South America:		
France.....	6	3	Argentina.....	18	8
Greece.....	4	0	Brazil.....	72	12
Hungary.....	1	1	Chile.....	5	4
Ireland.....	1	2	Colombia.....	60	3
Italy.....	7	0	Dutch Guiana.....	0	1
Netherlands.....	1	0	Ecuador.....	6	0
Portugal.....	38	5	Peru.....	15	3
Rumania.....	4	0	Uruguay.....	1	1
Scotland.....	4	0	Venezuela.....	63	5
Spain.....	2	4	Unknown.....	0	1
Switzerland.....	1	0			

Geographic summary of interceptions listed in main table and interception totals—  
Continued

Country	Insects	Diseases	Country	Insects	Diseases
Total:	Number	Number	Total—Continued.	Number	Number
Africa.....	13	11	Total (common pests,	24, 044	13, 071
Asia.....	225	56	p. 3).....		
Australasia.....	130	21	Total (incompletely		
Eurpoe.....	156	58	determined pests.		
North America.....	9, 357	701	p. 4).....	6, 773	6, 564
South America.....	240	37	Entomogenous fungi.....		30
Unknown origin.....	0	1	Total insects.....	40, 938	
Total.....	10, 121	885	Total diseases.....		20, 550
			Grand total.....		61, 488

NOTE.—In addition to the countries named above, interceptions including those of common pests (p. 3) and of incompletely determined pests (p. 4) were made from Afghanistan, Anglo-Egyptain Sudan, Arabia, Batavia, Bolivia, British Guiana, British West Indies, Cape Verde Islands, Cook Islands, East Indies, Guernsey, Kahatola Islet (near Philippines), Liberia, Manchuria, Midway, Mozambique, Nevis, Nigeria, St. Kitts, Salvador, Sierra Leone, Surinam, Tonga Island, Transvaal, and Wales.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive

[All findings marked with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- agation	
<i>Acanthoderes circumflexa</i> Jac. Duv. (Cerambycidae):					
<i>Tabebuia donnell-smithii</i> (privamera).....	Guatemala.....	4			N. Y.
<i>Acanthoscelides armitagei</i> (Pic.) (Bruchidae):					
<i>Cajanus indicus</i> (pigeonpea).....	Venezuela.....		1		D. C.
<i>Acanthoscelides dominicanus</i> (Jekel) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia.....	1			Mass.
<i>Acanthoscelides flexicaulis</i> (Schaeffer) (Bruchidae):					
<i>Pithecollobium flexicaule</i> (ebony bean).....	Mexico.....	1			Tex.
<i>Acanthoscelides sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> .....	do.....	1			Tex.
<i>Acroleucus tullus</i> (Stal) (Lygaeidae):	do.....	1			Tex.
<i>Gardenia florida</i> (Cape-jasmine).....	do.....	1			Tex.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):	do.....	1			Tex.
<i>Ananas sativus</i> (pineapple).....	do.....	1			Tex.
Orchid.....	do.....	1			Tex.
<i>Aeolus dorsalis</i> (Say) (Elateridae):					
<i>Allium cepa</i> (onion).....	do.....	1			Tex.
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (golden-shower).....	Dominica, Panama.....	2			Mass., N. Y.
<i>Agromyza salicis</i> Malloch (Agromyzidae):					
<i>Salix</i> sp. (willow).....	Canada.....			1	N. J.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime).....	Cuba.....	1			Fla.*
<i>Citrus aurantium</i> (sour orange).....	Bahamas.....	1			Md.
<i>Aleuroplatus myricae</i> Q. & B. (?) (Aleyrodidae):					
<i>Pyrola</i> sp.....	Canada.....			1	Mass.
<i>Aleurothritus howardi</i> (Quaint.) (Aleyrodidae):					
<i>Citrus limonia</i> (lemon).....	Cuba.....	1			Fla.*
<i>Aleyrodes spiraeoides</i> (Quaint.) (Aleyrodidae):					
<i>Linum</i> sp. (flax).....	Canada.....			1	Wash.
<i>Allocoris incognita</i> McA. & M. (Cydnidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Mexico.....	1			Ariz.
<i>Rosa</i> sp.....	do.....	1			Ariz.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas sativus</i> (pineapple).....	do.....	24			Tex.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Lycopersicum esculentum</i> (tomato)	do.	1			Ariz.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Cactus	do.			1	Tex.
<i>Daucus carota</i> (carrot)	do.	1			Tex.
<i>Ficus carica</i> (fig)	do.	1			Tex.
Reed packing crate	do.	2			Ariz.
<i>Sambucus</i> sp.	do.	1			N. Y.
<i>Amphorophora rhododendri</i> (Wlson.) (Aphidiidae):					
<i>Rhododendron</i> sp.	Canada			2	Wash.
<i>Anacentrinus deplanatus</i> Csy. (Curculionidae):					
<i>Chrysanthemum</i> sp.	Mexico	2			Tex.
<i>Zinnia</i> sp.	do.	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Cymbidium</i> sp. (orchid)	England			2	Calif.*
<i>Dendrobium</i> sp. (orchid)	do.			1	N. J.
<i>Lycaste skinneri alba</i> (orchid)	Guatemala			1	N. J.
<i>Odontoglossum</i> sp. (orchid)	England			1	N. J.
Orchid	Venezuela	1			Tex.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Amaryllis</i> sp.	Madeira Islands			1	N. Y.
<i>Anastrepha fraterculus</i> (Wied.) (Eurihiidae):					
<i>Citrus grandis</i> (grapefruit)	Argentina, Trinidad		2		Mass.
<i>Anastrepha ludens</i> (Lw.) (Eurihiidae):					
<i>Amygdalus persica</i> (peach)	Mexico	2			Tex.
<i>Casimiroa edulis</i> (white sapote)	do.	1			Tex.
<i>Citrus grandis</i> (grapefruit)	do.	8	2		N. Y., Tex.
<i>Citrus limetta</i> (sweet lime)	do.	6			Tex.
<i>Citrus sinensis</i> (orange)	do.	114	11		Tex.
<i>Cydonia oblonga</i> (quince)	do.	1			Tex.
<i>Malus sylvestris</i> (apple)	do.	2			Tex.
<i>Mangifera indica</i> (mango)	do.	15	1		Tex.
<i>Persea americana</i> (avocado)	do.	10			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Eurihiidae):					
<i>Mangifera indica</i> (mango)	American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Panama, Puerto Rico.	18	12		Fla.*, Md., N. Y., Pa., P. R., Tex., Va.
<i>Psidium guajava</i> (guava)	Puerto Rico	2			N. Y.
<i>Spondias cytherea</i> (golden-apple)	do.	3			N. Y.
<i>Anastrepha serpentina</i> (Wied.) (Eurihiidae):					
<i>Citrus grandis</i> (grapefruit)	Trinidad		7		Ala., La.
<i>Mammea americana</i> (mamey)	Mexico	2			Tex.
<i>Mangifera indica</i> (mango)	Colombia		3		Pa.
Sapote	Mexico	1			Tex.
<i>Anastrepha suspensa</i> (Lw.) (Eurihiidae):					
<i>Citrus grandis</i> (grapefruit)	Haiti		2		N. Y.
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	7			Fla.*, N. Y.
In bag of guavas and genips	Puerto Rico	1			N. Y.
<i>Anoplium truncatum</i> (Hald.) (Cerambycidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Anthonomus scutellaris</i> Lec. (Curculionidae):					
<i>Prunus domestica</i> (plum)	do.	1			Tex.
<i>Anthonomus varipes</i> Duval (Curculionidae):					
<i>Solanum melongena</i> (eggplant)	Cuba	3			N. Y.
<i>Antonina crawii</i> Ckll. (Coccidae):					
<i>Arundinaria</i> sp.	Japan			1	D. C.
<i>Bambusa tulda</i>	Puerto Rico			1	D. C.
<i>Indocalamus herklotsii</i>	China			1	D. C.
<i>Indocalamus nanunicus</i>	do.			1	D. C.
<i>Sinobambusa laeta</i>	do.			1	D. C.
<i>Sinobambusa tootsii</i>	do.			1	D. C.
<i>Antonina indica</i> Green (Coccidae):					
<i>Digitaria</i> sp.	Philippines			1	Hawaii.*
<i>Antonina tobai</i> Kuw. (Coccidae):					
<i>Arundinaria hindsii</i> (ramrod bamboo)	China			1	D. C.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Anuraphis apiifolia</i> Theo. (Aphllidae): <i>Apium graveolens</i> (celery)	Portugal		1		N. Y.
<i>Anuraphis tulipae</i> (Forsk.) (Aphllidae): <i>Tigridis</i> sp.	Metherlands			1	D. C.
<i>Tulipa</i> sp.	Canada, England			5	N. Y., Wash.
<i>Anyssipyla uniritella</i> Dyar (Phycitidae): <i>Samanea saman</i> (rain-tree)	Ecuador			1	D. C.
<i>Aonidia lauri</i> (Bouche) (Coccidae): <i>Laurus nobilis</i> (Grecian laurel)	Greece, Italy	3	1		N. Y.
<i>Aonidiella comperei</i> McK. (Coccidae): <i>Vitis</i> sp. (grape)	Haiti			1	N. J.
<i>Aonidiella eugeniae</i> (Hempel) (Coccidae): <i>Eugenia cauliflora</i> (jaboticaba)	Brazil			1	D. C.
<i>Aonidiella inornata</i> McK. (Coccidae): <i>Cordyline terminalis</i> (dracena)	Hawaii	1			Calif.*
<i>Apatides fortis</i> (Lec.) (Bostrichidae): <i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Aphalaroida inermis</i> Crawford (Psyllidae): <i>Spinacia oleracea</i> (spinach)	do	1			Ariz.
<i>Aphis bambusae</i> Full. (Aphllidae): <i>Phyllostachys</i> sp.	China			1	D. C.
<i>Apion longirostre</i> Oliv. (Curculionidae): <i>Malva</i> sp.	Iran			3	D. C.
<i>Apion pomonae</i> (F.) (Curculionidae): <i>Vicia</i> sp. (vetch)	Argentina	1			Ala.
<i>Artipus floridanus</i> Horn (Curculionidae): <i>Medicago sativa</i> (alfalfa)	Bahamas	1			Fla.*
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Cocci- dae): <i>Dendrobium schuetzei</i> (orchid)	Philippines			1	Hawaii.*
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae): <i>Camellia japonica</i> (camellia)	Japan			3	D. C., Wash.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Amygdalus communis</i> (almond)	Bahamas	1			Fla.*
<i>Annona reticulata</i> (custard-apple)	Puerto Rico	1			N. Y.
<i>Annona</i> sp.	do	1			N. Y.
<i>Aucuba</i> sp.	Japan		1		Calif.*
<i>Carica papaya</i> (papaya)	Mexico	1			La.
<i>Cocos nucifera</i> (coconut)	Cuba, Fiji Islands	2			Fla.*, Hawaii.*
<i>Cymbidium</i> sp. (orchid)	England			2	N. J.
<i>Musa</i> sp. (banana)	Cuba	2			Fla.*
Palm	do	1			Fla.*
<i>Persea americana</i> (avocado)	do	2			Fla.*
<i>Roystonea regia</i> (royal palm)	do	1	1	1	Fla.*
<i>Terminalia catappa</i> (tropical almond)	do	2			Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae): <i>Spondias mombin</i> (jobo)	Mexico	1			Tex.
<i>Aspidiotus howardi</i> Ckll. (Coccidae): <i>Persea americana</i> (avocado)	do	1			Tex.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): <i>Dendrobium</i> sp. (orchid)	Philippines			1	Calif.*
<i>Musa</i> sp. (banana)	Honduras	1			Fla.*
<i>Aspidiotus spinosus</i> Comst. (Coccidae): <i>Attalea cohune</i> (cohune palm)	do			1	D. C.
<i>Laurus nobilis</i> (Grecian laurel)	Brazil		1		N. Y.
<i>Mammea americana</i> (mamey)	Cuba	3	1		Fla.*
<i>Persea americana</i> (avocado)	do	1			Fla.*
<i>Roystonea regia</i> (royal palm)	Honduras			1	D. C.
<i>Aspidiotus tsugae</i> Marl. (Coccidae): <i>Tsuga</i> sp. (hemlock)	Japan		1		Wash.
<i>Asterolecanium aureum</i> (Bdv.) (Cocci- dae): <i>Cattleya dowiana</i> (orchid)	Canal Zone, Costa Rica			2	N. J.
<i>Cattleya</i> sp.	Brazil, Colombia, Costa Rica, Venezuela.			12	Calif., D. C., N. J.
<i>Epidendrum ciliare</i> (orchid)	Costa Rica			1	N. J.
<i>Epidendrum</i> sp.	Haiti			1	D. C.
<i>Oncidium kramerianum</i> (orchid)	Costa Rica			1	Calif.*
<i>Oncidium tigrinum</i>	Mexico			1	Calif.*
<i>Oncidium</i> sp.	Trinidad			1	Calif.*
Orchid	Brazil, Cuba, Venezuela			4	N. J.
<i>Trichopilia</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Asterolecanium bambusae</i> (Bdv.) (Cocci- dae): <i>Bambusa tulda</i>	Puerto Rico			1	D. C.
<i>Bambusa</i> sp.	Cuba	2			N. Y.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Asterolecanium bambusicola</i> Kuw. (Coccidae):					
<i>Bambusa</i> sp.	China			1	D. C.
<i>Asterol canium miliaris</i> (Bdv.) (Coccidae):					
<i>Bambusa</i> sp.	Cuba	1			N. Y.
<i>Asterolecanium miliaris longum</i> (Green) (Coccidae):					
Bamboo	Guatemala	1			Mass.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Chrysomphyllum cainito</i> (star-apple)	Bahamas		1		Fla.*
<i>Eugenia alba</i>	Hawaii			1	Calif.*
<i>Hibiscus</i> sp.	do			3	Calif.*
<i>Nerium oleander</i> (oleander)	Bahamas		1		Fla.*
<i>Theobroma cacao</i> (cacao)	Cuba	1			Fla.*
<i>Ataenius abditus</i> Horn (Scarabaeidae):					
<i>Zea mays</i> (corn)	Mexico	1			Ariz.
<i>Ataenius cribrithorax</i> Bts. (Scarabaeidae):					
Soil	Cuba	1			N. Y.
<i>Ataria hubbardi</i> Fisher (Cerambycidae):					
Vegetables	Mexico	1			Tex.
<i>Atheas fuscipes</i> Champ. (Tingitidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Aufesius impressicollis</i> Stal (Coreidae):					
<i>Lycopersicum esculentum</i> (tomato)	do	1			Ariz.
<i>Aulacaspis mangiferae</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Trinidad	1	1		Mass., N. Y.
<i>Aulonium bidentatum</i> (F.) (Colydiidae):					
<i>Swietenia mahogany</i> (mahogany)	Honduras	2			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	1			N. Y.
<i>Baldulus elimatus</i> (Ball) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Baldulus maidis</i> (DeL. & W.) (Cicadellidae):					
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		1		Pa.
<i>Brachyrhinus armadillo</i> Rossi (Curculionidae):					
<i>Fuchsia</i> sp.	Italy		1		N. Y.
<i>Brachyrhinus ovatus</i> L. (Curculionidae):					
<i>Dianthus</i> sp. (carnation)	Canada			1	Wash.
<i>Brachyrhinus rugosostriatus</i> Goeze (Curculionidae):					
Unidentified plant root	do			1	N. J.
<i>Brentus anchorago</i> L. (Brentidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	2			N. Y.
<i>Brentus mexicanus</i> Boh. (Brentidae):					
<i>Cedrus</i> sp. (cedar)	Honduras	1			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala, Mexico	9			La., N. Y.
<i>Brochymena sulcata</i> Van D. (Pentatomidae):					
<i>Beta vulgaris</i> (beet)	Mexico	1			Calif.
<i>Daucus carota</i> (carrot)	do	1			Calif.
<i>Brontes australis</i> Er. (Cucujidae):					
<i>Juglans</i> sp. (walnut)	Australia	1			Va.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (fava bean)	Egypt		1		N. Y.
<i>Bruchidius versicolor</i> (Boh.) (Bruchidae):					
<i>Podalyria argentea</i>	Union of South Africa			1	Calif.*
<i>Bruchus affinis</i> Froh. (Bruchidae):					
<i>Lathyrus latifolius</i> (perennial pea)	England			1	Ill.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (fava bean)	Iran			5	D. C.
<i>Bruchus dentipes ochraceosignatus</i> Heyden (Bruchidae):					
<i>Vicia hybrida</i> (vetch)	do			1	D. C.
<i>Bruchus hamatus</i> Miller (Bruchidae):					
Unidentified seed (forage plant)	do			1	D. C.
<i>Bruchus lentis</i> Froh. (Bruchidae):					
<i>Lens</i> sp.	do			2	D. C.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia</i> sp.	France	3			Ill., La.
<i>Bruchus ramicornis</i> Er. (Bruchidae):					
<i>Vigna sinensis</i> (cowpea)	Brazil			1	D. C.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagatio	
<i>Bruchus rufipes</i> Hbst. (Bruchidae): Vicia sp.-----	France, Greece, Rumania	3	-----	3	N. J., N. Y., Wash.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): Lathyrus odoratus (sweet pea)-----	Portugal	1	-----	-----	La.
<i>Cacoscelis scriptipennis</i> Jac. (Chrysomelidae): Orchid-----	Mexico	-----	-----	1	Tex.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae): Lilium auratum (goldband lily)-----	Japan	-----	-----	1	Calif.*
On packing case-----	do.	-----	1	-----	Calif.*
<i>Callirhinus metallescens</i> Bl. (Scarabaeidae) In automobile-----	Mexico	-----	1	-----	Tex.
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): Pueraria thunbergiana (kudzu)-----	Chosen, Japan	2	-----	4	Ill., Md., N. Y., Wash.
<i>Callosobruchus analis</i> (F.) (Bruchidae): Phaseolus aureus (mung bean)-----	China	-----	2	-----	Ga.
Phaseolus sp. (string bean)-----	Japan	-----	1	-----	Wash.
Vigna sp.-----	Iran	-----	-----	1	D. C.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): Bean-----	Japan	2	-----	-----	Calif.*
Cajanus indicus (pigeon pea)-----	Puerto Rico	1	-----	-----	N. Y.
Cicer arietinum (chickpea)-----	India	-----	1	-----	N. Y.
Phaseolus angularis (adzuki)-----	China	1	-----	-----	N. Y.
Phaseolus aureus (mung bean)-----	Philippines	-----	1	-----	Ga.
Phaseolus radiatus-----	China	1	-----	-----	Wash.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Allium cepa (onion)-----	Mexico	1	-----	-----	Ariz.
Cicer arietinum (chickpea)-----	do.	2	-----	-----	N. Y., Tex.
Phaseolus aureus (mung bean)-----	Philippines	-----	1	-----	Ga.
Vigna sinensis (cowpea)-----	Brazil, Venezuela	-----	-----	2	D. C.
Vigna sp.-----	Iran	-----	-----	1	D. C.
<i>Calymnaderus oblongus</i> (Gorh.) (Anobiidae): Cephalocereus senilis (oldman cactus)-----	Mexico	-----	-----	1	N. J.
<i>Calymnus cucullatus</i> Pasc. (Tenebrionidae): Cattleya sp. (orchid)-----	Guatemala	-----	-----	1	N. J.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): Tamarindus indica (tamarind)-----	Hawaii	1	-----	-----	Calif.*
<i>Catorhintha guttula</i> (F.) (Coreidae): Brassica rapa (turnip)-----	Mexico	1	-----	-----	Tex.
<i>Caulophilus latinasus</i> (Say) (Curculionidae): Cicer arietinum (garbanzo)-----	do.	1	-----	-----	Tex.
Zingiber officinale (ginger)-----	China	1	-----	-----	Ill.
<i>Caulotops agavis</i> Reut. (Miridae): Beta vulgaris cicla (Swiss chard)-----	Mexico	1	-----	-----	Tex.
<i>Celama sorghicola</i> (Riley) (Nolidae): Zea mays (corn)-----	do.	1	-----	-----	Tex.
<i>Centrinaspis picumnus</i> Hbst. (Curculionidae): Dahlia sp.-----	do.	1	-----	-----	Ariz.
<i>Ceratitis capitata</i> (Wied.) (Euribiidae): Citrus nobilis deliciosa (tangerine)-----	Portugal	2	-----	-----	N. Y.
Citrus sinensis (orange)-----	Brazil	-----	1	-----	La.
Coffea sp.-----	Hawaii	-----	1	-----	Calif.*
Ficus carica (fig)-----	Azores	1	-----	-----	N. Y.
Malus sylvestris (apple)-----	Portugal, Queensland	-----	2	-----	N. Y., Wash.
Mangifera indica (mango)-----	Hawaii	1	-----	-----	Calif.*
Pyrus communis (pear)-----	Canary Islands	-----	1	-----	Md.
Vitis sp. (grape)-----	Azores	1	-----	-----	N. Y.
<i>Ceratocapsus cubanus</i> Bergroth (Miridae): Brassica chinensis (white greens)-----	Cuba	1	-----	-----	N. Y.
<i>Ceratocapsus fuscicornis</i> Kngt. (Miridae): Zea mays (corn)-----	Mexico	1	-----	-----	Tex.
<i>Ceratocapsus punctulatus</i> (Reut.) (Miridae): Brassica rapa (turnip)-----	do.	1	-----	-----	Tex.
<i>Ceratopis bisignatus</i> Boh. (Curculionidae): Musa sp. (banana)-----	do.	1	-----	-----	La.
<i>Ceroptastes ceriferus</i> (And.) (Coccidae): Camellia sasanqua (sasanqua tea)-----	Japan	-----	-----	1	Calif.*



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con-sump-tion	Non-ent-ry	Prop-aga-tion	
<i>Ceroplastes floridensis</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....			1	Wash.
<i>Gardenia florida</i> (Cape-jasmine).....	Mexico.....	1			Tex.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyria olivaeformis</i> .....	Hawaii.....	1			Calif.*
<i>Anthurium</i> sp.....	do.....	1			Calif.*
<i>Camellia japonica</i> (camellia).....	Japan.....			2	Wash.
<i>Cocos nucifera</i> (coconut).....	Hawaii.....			1	Calif.*
<i>Magnolia salicifolia</i> .....	Japan.....			1	Wash.
<i>Ceroplastes rusci</i> (L.) (Coccidae)					
<i>Ficus carica</i> (fig).....	Portugal.....	1			N. Y.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Cur-culionidae):					
<i>Brassica campestris</i> (rutabaga).....	England.....		1		Pa.
<i>Brassica rapa</i> (turnip).....	do.....		4		Ga., Pa., Va., Tex.
<i>Chaetococcus bambusae</i> (Mask.) (Cocci-dae):					
<i>Bambusa pertariabilis</i> .....	China.....			1	D. C.
<i>Bambusa textilis</i> .....	do.....			1	D. C.
<i>Lingnania chungii</i> .....	do.....			1	D. C.
<i>Chaetopsis fulvifrons</i> Macq. (Otitidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
<i>Chalcolepidius webbi</i> Lec. (Elateridae):					
<i>Salix</i> sp. (willow).....	do.....			1	Tex.
<i>Chelinidea canyoni</i> Haml. (Coreidae):					
<i>Astrophytum</i> sp. (cactus).....	do.....			1	Tex.
<i>Chelinidea vittiger aequoris</i> McA. (Core-idae):					
Cactus.....	do.....			1	Tex.
<i>Chermes nusslini</i> (Borner) (Aphidae):					
<i>Abies</i> sp. (fir).....	Canada.....	1			Wash.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Calif.
<i>Chilo simplex</i> (Butler) (Crambidae):					
<i>Oryza sativa</i> (rice).....	China, Japan.....	5	7		Calif.*, La., Md., Tex., Wash.
<i>Chionaspis elongata</i> Green (Coccidae):					
<i>Arundinaria</i> sp.....	China.....			4	D. C.
<i>Chionaspis plectani</i> Cooley (Coccidae):					
<i>Platanus occidentalis</i> (sycamore).....	Mexico.....	1			Tex.
<i>Chionaspis wistariae</i> Cooley (Coccidae):					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Chionaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus nobilis deliciosa</i> (tangerine).....	do.....	2	1		Calif.*, Wash.
<i>Citrus sinensis</i> (orange).....	do.....		2		Calif.*
<i>Chrysomphalus alienus</i> (Newst.) (Coc-cidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	D. C.
<i>Chrysomphalus bifasciculatus</i> Ferris (Coc-cidae):					
<i>Citrus nobilis deliciosa</i> (Mandarin orange).....	Japan.....	4			Wash.
<i>Chrysomphalus bififormis</i> (Ckll.) (Coc-cidae):					
Orchid.....	Cuba.....	1			Fla.*
<i>Chrysomphalus perseae</i> (Comst.) (Coc-cidae):					
Leaf.....	Colombia.....	1			Fla.*
<i>Chrysomphalus personatus</i> (Comst.) (Coc-cidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	1			Ariz.
<i>Citrus limonia</i> (lemon).....	do.....	1			Ariz.
<i>Vriesia</i> sp.....	Brazil.....			1	N. J.
<i>Chrysomphalus rossi</i> Mask. (Coccidae):					
<i>Dendrobium dearei</i> (orchid).....	Philippines.....			1	Calif.*
<i>Eugenia smithii</i> .....	Australia.....			1	Calif.*
<i>Phalaenopsis amabilis</i> (orchid).....	Philippines.....			1	Calif.*
<i>Phalaenopsis cypripodite</i> (orchid).....	do.....			1	Calif.*
<i>Phalaenopsis grandiflora</i> (orchid).....	do.....			2	Calif.*
<i>Phalaenopsis schilleriana</i> (orchid).....	do.....			2	Calif.*
<i>Trichoglottis philippinensis</i> (orchid).....	do.....			1	Calif.*
<i>Chrysomphalus umboniferus</i> Newst. (Coc-cidae):					
<i>Musa</i> sp. (banana).....	Panama.....	1			Wash.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cinora tuzafilina</i> (Del.G.) (Aphidae):					
<i>Thuja</i> sp.	Japan		1		Calif.*
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Anonas sativus</i> (pineapple)	Cuba	1			La.
<i>Cattleya</i> sp. (orchid)	Colombia			4	N. J.
<i>Cligenes picturata</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Clytus arietis</i> L. (Cerambycidae):					
<i>Ulmus</i> sp. (elm)	England	2			N. Y.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date)	Mexico	1			Ariz.
<i>Phytelephas macrocarpa</i> (ivory nut)	Ecuador	3			N. Y.
<i>Coccotrypes rolliniae</i> Hopk. (Scolytidae):					
<i>Ptychosperma</i> sp. (palm)	Cuba			1	N. J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Achras sapota</i> (sapodilla)	Bahamas	1			Fla.*
<i>Citrus sinensis</i> (orange)	do		1		Fla.*
<i>Coffea</i> sp.	Cuba, Puerto Rico	2			Fla.* N. Y.
<i>Gardenia florida</i> (Cape-jasmine)	Bahamas, Cuba, Hawaii, Honduras, Venezuela.	45	15	6	Calif.*, Fla.,*
<i>Plumeria</i> sp. (frangipani)	Bahamas	1			Fla.*
<i>Surietenia mahogany</i> (mahogany)	Cuba	1			Fla.*
<i>Colaspis viriditincta</i> Schaeffer (Chrysomelidae):					
<i>Punica granatum</i> (pomegranate)	Mexico	1			Ariz.
<i>Colecerus marmoratus</i> Horn (Curculionidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Prosopis</i> sp. (mesquite)	do	1			Tex.
<i>Conchaspis agraeci</i> Ckll. (Coccidae):					
<i>Marillaria</i> sp. (orchid)	Guatemala			1	Calif.*
Orchid	Dominican Republic			1	P. R.
<i>Conoderus bifoveatus</i> Palis. (Elateridae):					
<i>Brassica</i> sp. (mustard greens)	Cuba	1			N. Y.
<i>Conotrachelus aguacatae</i> Bra. (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	158			Tex.
<i>Conotrachelus flavangulus</i> Champ. (Curculionidae):					
Flowers	do	1			Tex.
<i>Musa</i> sp. (banana)	Nicaragua	1			La.
<i>Conotrachelus leucophaeus</i> Fahr. (Curculionidae):					
<i>Fragaria</i> sp. (strawberry)	Mexico	1			Tex.
<i>Conotrachelus nenuphar</i> (Herbst) (Curculionidae):					
<i>Amygdalus persica</i> (peach)	Bahamas		1		Fla.*
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Amygdalus persica</i> (peach)	Mexico	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do	1			Tex.
<i>Pisum sativum</i> (pea)	do	1			Ariz.
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Corecya cephalonica</i> (Staint.) (Galleriidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Diospyros</i> sp. (persimmon)	Japan	1			Hawaii.*
<i>Gossypium</i> sp. (cottonseed)	Puerto Rico			1	D. C.
<i>Oryza sativa</i> (rice)	Japan	1			Hawaii.*
<i>Triticum aestivum</i> (wheat)	Brazil	2			Mass.
<i>Corizus pictipes</i> Stal (Coreidae):					
<i>Vitis</i> sp. (grape)	Argentina		1		N. Y.
<i>Corizus punctatus</i> Sign. (Coreidae):					
<i>Mentha</i> sp. (mint)	Mexico	1			Tex.
<i>Corythucha morrilli</i> O. & D. (Tingitidae):					
<i>Chrysanthemum</i> sp.	do	5			Ariz., Tex.
<i>Daucus carota</i> (carrot)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Zinnia</i> sp.	do	1			Tex.
<i>Cosmolyce boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.	Hawaii	1			Calif.*
<i>Dioclea violacea</i> (Mauna loa)	do	4			Calif.*
<i>Pisum sativum</i> (pea)	Japan		1		Wash.
<i>Cossonus canaliculatus</i> F. (Curculionidae):					
<i>Lycopersicum esculentum</i> (tomato)	Mexico	1			Tex.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	2			N. Y.
<i>Cossonus excavatus</i> Boh. (Curculionidae):					
<i>Ananas sativus</i> (pineapple)	Mexico	1			Tex.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con-sump-tion	Non-en-try	Prop-aga-tion	
<i>Creontiades rubrinervis</i> Stal (Miridae):					
<i>Spinacia oleracea</i> (spinach)	Mexico	1			Ariz.
<i>Crocidosema plebeiana</i> Zell. (Olethreuti- dae):					
<i>Hibiscus esculentus</i> (okra)	do	1			Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Bahamas, China, Cuba, Dominican Republic, Hawaii, India, Jamai- ca, Mexico, Philip- pines, Puerto Rico.	31	34	3	Ala., Calif.*, Fla., Ga., Hawaii*, La., Md., Mass., N. Y., Pa., Tex., Va.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Gold Coast		1		Md.
<i>Cylas turcippennis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Philippines		1		Ga.
<i>Cymoninus notabilis</i> (Dist.) (Lygaeidae):					
<i>Brassica</i> sp. (mustard)	Cuba	1			N. Y.
<i>Chrysanthemum coronarium</i> (crown daisy)	do	1			N. Y.
<i>Cyrtopeltis tenuis</i> Reut. (Miridae):					
<i>Antirrhinum majus</i> (snapdragon)	Jamaica	1			N. Y.
<i>Brassica chinensis</i> (white greens)	Cuba	12			N. Y.
<i>Brassica</i> sp. (mustard)	do	3			N. Y.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Brassica alba</i> (white mustard)	Mexico	1			Calif.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Dactylosternum abdominale</i> F. (Hydro- philidae):					
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Cedrus</i> sp. (cedar)	Honduras	1			N. Y.
<i>Dactylosternum subdepressum</i> Lap. (Hy- drophilidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	1			N. Y.
<i>Dacus cucurbitae</i> (Coq.) (Euriptidae):					
<i>Phaseolus</i> sp. (string bean)	Hawaii		1		Calif.*
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
<i>Musa</i> sp. (banana)	Mexico	1			Tex.
<i>Deloyala lecontei</i> (Cr.) (Chrysomelidae):					
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Delphacodes campestris</i> (Van D.) (Araeopi- dae):					
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Delphacodes koehlei</i> M. & G. (Araeopi- dae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodi- dae):					
<i>Rhododendron</i> sp.	England			2	Wash.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus aurantium</i> (sour orange)	Bahamas	1			Md.
<i>Citrus sinensis</i> (orange)	Mexico	2			Tex.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodi- dae):					
<i>Citrus</i> sp.	Cuba	1			Fla.*
<i>Diaspis zamae</i> Morg. (Coccidae):					
<i>Encephalartos woodii</i>	Union of South Africa			1	N. J.
<i>Encephalartos</i> sp.	do			1	N. J.
<i>Dikraneura kunzei</i> Gill. (Cicadellidae):					
<i>Capsicum annuum</i> (pepper)	Mexico	1			Ariz.
<i>Dinoderus bifoveolatus</i> Woll. (Bostrichi- dae):					
<i>Calamus</i> sp. (rattan)	Dutch East Indies	1			N. Y.
<i>Derris scandens</i> (Malay jewel vine)	Peru, Philippines	2			N. Y.
<i>Lonchocarpus</i> sp. (cube root)	Peru	1			N. Y.
<i>Serjania mexicana</i> (barbasco)	do	1			N. Y.
<i>Draculacephala balli</i> Van D. (Cicadelli- dae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Draculacephala minerva</i> Ball (Cicadelli- dae):					
<i>Allium cepa</i> (onion)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	5			Ariz., Tex.
<i>Daucus carota</i> (carrot)	do	2			Tex.
<i>Lactuca sativa</i> (lettuce)	do	6			Tex.
<i>Petroselinum hortense</i> (parsley)	do	3			Tex.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con-sump-tion	Non-ent-ry	Prop-aga-tion	
<i>Draeculacephala minerva</i> Ball (Cicadellidae)—Continued.					
<i>Pisum sativum</i> (pea)	Mexico	1			Ariz.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Tex.
<i>Draeculacephala portola</i> Ball (Cicadellidae):					
<i>Capsicum annuum</i> (pepper)	do	1			Tex.
<i>Gardenia florida</i> (Cape-jasmine)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Drasterius cribratus</i> Lec. (Elateridae):					
<i>Ananas sativus</i> (pineapple)	do	1			Tex.
<i>Echinocnemus bipunctatus</i> Roel. (Curculionidae):					
<i>Larix</i> sp. (larch)	Japan			1	Wash.
<i>Empoasca abrupta</i> DeL. (Cicadellidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Daucus carota</i> (carrot)	do	1			Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Tex.
<i>Empoasca fabae</i> (Harr.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Empoasca phaseola</i> Oman (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Empoasca solana</i> DeL. (Cicadellidae):					
<i>Lactuca sativa</i>	do	2			Tex.
<i>Spinacia oleracea</i> (spinach)	do	2			Tex.
<i>Endrosis lacteella</i> (Schiff.) (Oecophoridae):					
<i>Aglaonema</i> sp.	China			1	Wash.
<i>Amygdalus persica nectarina</i> (nectarine).	Chile	1			N. Y.
<i>Narcissus</i> sp.	Ireland			1	N. J.
<i>Entylia sinuata</i> (F.) (Membracidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Ephestia rileyella</i> Rag. (Phycitidae):					
<i>Yucca</i> sp.	do	1			Tex.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato)	do	8	2		Tex.
<i>Epicauta pardalis</i> Lec. (Meloidae):					
<i>Chenopodium</i> sp. (pigweed)	do	1			Ariz.
<i>Epidiaspis piricola</i> (DelGuer.) (Coccidae):					
<i>Malus sylvestris</i> (apple)	Italy, Portugal		2		Mass., N. Y.
<i>Pyrus communis</i> (pear)	Switzerland			1	D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do	3			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Phaseolus</i> sp. (string bean)	do	3			Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean)	do	126	1		Ariz., Tex.
<i>Erynephala puncticollis</i> (Say) (Chrysomelidae):					
<i>Portulaca</i> sp. (purslane)	do	1			Tex.
<i>Eucalandra setulosa</i> Gyll. (Curculionidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Eucnocerus anthrenoides</i> Sharp (Dermestidae):					
<i>Tamarindus indica</i> (tamarind)	Mexico	1			Tex.
<i>Eudiagogus pulcher</i> Fahr. (Curculionidae):					
<i>Sesbania exaltata</i>	do	1			Calif.
<i>Eumecosomyia nubila</i> (Wd.) (Otitidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do	3			Ariz., Tex.
<i>Cucurbita maxima</i> (squash)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Ariz.
<i>Portulaca</i> sp. (purslane)	do	1			Ariz.
<i>Zea mays</i> (corn)	Cuba, Mexico, Peru	154	3		Ariz., La., N. Y., Tex.
<i>Euphalerus nidifex</i> Schwarz (Psyllidae):					
<i>Gardenia florida</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Euphoria leucographa</i> (G. & P.) (Scara-baeidae):					
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Euphyrys parvicollis</i> Schaefer. (Chrysomelidae):					
<i>Brassica</i> sp. (mustard)	do	1			Ariz.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Prop-agation	
<i>Eurycipitia vestitus</i> Dist. (Miridae):					
<i>Cattleya</i> spp. (orchid).....	Brazil, Costa Rica, Guatemala.			3	Calif.*, N. J.
<i>Oncidium splendidum</i> (orchid).....	Guatemala.			1	Calif.*
Orchid.....	Colombia, Mexico.			2	Calif.*, Tex.
<i>Euryophthalmus bipustulatus</i> (Stal) (Pyrrhocoridae):					
<i>Gardenia florida</i> (Cape-jasmine).....	Mexico.....	1			Tex.
<i>Malbariscus drummondii</i> .....	do.....	1			Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya mossiae</i> (orchid).....	Colombia, Venezuela.....			2	Calif.*, N. J.
<i>Cattleya skinnerii</i> .....	Guatemala.....			1	Calif.*
<i>Cattleya trianae</i> .....	Colombia.....			1	Calif.*
<i>Cattleya</i> sp.....	Brazil, Colombia, Costa Rica, Guatemala, Venezuela.			38	Calif.*, N. J., Wash.
Orchid.....	Colombia, Venezuela.....			2	N. J.
<i>Eurytoma pistaciae</i> Rond. (Eurytomidae):					
<i>Pistacia terebinthus</i> .....	Palestine.....			1	D. C.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	American Virgin Islands, Brazil, Hawaii, Jamaica, Peru, Puerto Rico, Trinidad, Virgin Islands.	3	50		Ala.,*Ga., La., Md., N. Y., Tex., Wash.
<i>Euspermophagus cardui</i> (Boh.) (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Hungary.....			1	N. J.
<i>Euzesta annonae</i> (F.) (Otitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	2			Tex.
<i>Euzesta notata</i> (Wied.) (Otitidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Argentina.....		1		La.
<i>Euzesta sororcula</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	3			Tex.
<i>Euzesta stigmatias</i> Loew (Otitidae):					
<i>Capsicum annuum</i> (pepper).....	do.....	1			Ariz.
<i>Zea mays</i> (corn).....	do.....	1			Tex.
<i>Eritianus obscurinervis</i> (Stal) (Cicadellidae):					
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Exptochiamera arizonensis</i> Barb. (Lygaeidae):					
<i>Portulaca</i> sp. (purslane).....	do.....	1			Tex.
<i>Exptochiamera fuscicornis</i> Stal (Lygaeidae):					
<i>Allium sativum</i> (garlic).....	do.....	1			Tex.
<i>Celosia</i> sp. (cockscorn).....	do.....	1			Tex.
<i>Exptochiamera minima</i> (Guer.) (Lygaeidae):					
<i>Chrysanthemum</i> sp.....	do.....	3			Tex.
<i>Lycopersicum esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Rosa</i> sp.....	do.....	1			Tex.
<i>Exptochiamera oblonga</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Fragaria</i> sp. (strawberry).....	Mexico.....	1			Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae):					
<i>Capsicum annuum</i> (pepper).....	Cuba.....	1			N. Y.
<i>Feltia subterranea</i> (F.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Fiorinia nephelii</i> Mask. (Coccidae):					
<i>Litchi chinensis</i> (lychee).....	China.....			2	D. C.
<i>Forficula auricularia</i> L. (Forficulidae):					
Cut flowers.....	British Columbia.....	1			Oreg.
<i>Formosaspis formosanus</i> (Tak.) (Coccidae):					
Bamboo.....	China.....	1			Wash.
<i>Formosaspis nigra</i> (Tak.) (Coccidae):					
<i>Schizostachyum dumetorum</i> .....	do.....			1	D. C.
<i>Forsebia perlacta</i> (Hy. Edw.) (Phalaenidae):					
<i>Lycopersicum esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Gardenia florida</i> (Cape-jasmine).....	do.....	1			Tex.
<i>Rosa</i> sp.....	do.....	1			Tex.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Frankliniella cubensis</i> Hood (Thripidae):					
Citrus sp.-----	Cuba-----	1			Fla.*
Jasminum sambac (Arabian jasmine)-----	do-----		1		Fla.*
Rosa sp.-----	Bahamas, Cuba-----	8	6		Fla.*
<i>Frankliniella difflilis</i> Hood (Thripidae):					
Rosa sp.-----	Bahamas, Cuba-----	2			Fla.*
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
Althaea rosea (hollyhock)-----	Mexico-----	1			Ariz.
Antirrhinum majus (snapdragon)-----	do-----	2			Ariz., Tex.
Chrysanthemum sp.-----	do-----	2			Tex.
Daisy-----	do-----	4			Ariz., Tex.
Delphinium sp. (larkspur)-----	do-----	1			Ariz.
Dianthus sp. (carnation)-----	Guatemala, Mexico-----	6			Tex.
Gardenia florida (Cape-jasmine)-----	Guatemala-----	1			Tex.
Gladiolus sp.-----	Mexico-----	2			Tex.
Iris sp.-----	do-----	1			Ariz.
Lathyrus odoratus (sweet pea)-----	Guatemala, Mexico-----	24			Ariz., Tex.
Lilium sp.-----	do-----	2			Tex.
Lycopersicum esculentum (tomato)-----	Mexico-----	1			Ariz.
Medicago sativa (alfalfa)-----	do-----	1			Tex.
Nerium oleander (oleander)-----	do-----	1			Ariz.
Phaseolus sp. (string bean)-----	do-----	2			Ariz.
Polianthes tuberosa (tuberose)-----	do-----	1			Tex.
Rosa sp.-----	do-----	7			Ariz., Tex.
Viola sp. (violet)-----	do-----	1			Tex.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
Antirrhinum majus (snapdragon)-----	Bahamas-----	1			N. Y.
Daisy-----	Brazil-----		1		Fla.*
Gerberia sp.-----	Dominican Republic-----	1			N. Y.
Pentas lanceolata-----	Bahamas-----	1			N. Y.
Rosa sp.-----	Cuba-----	1	3		Fla.*
<i>Frankliniella schultzei</i> Tryb. (Thripidae):					
Ornithogalum thyrsoides (chinkeriechee).-----	Union of South Africa-----	1			Ill.
<i>Frankliniella williamsi</i> Hd. (Thripidae):					
Zea mays (corn)-----	Mexico-----	127	1		Ariz., Calif. Tex.
<i>Fulvius quadristillatus</i> (Stal) (Miridae):					
Cattleya sp. (orchid)-----	Colombia-----			3	N. J.
Orchid-----	Brazil-----			1	Calif.*
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
Brassarola nodosa (orchid)-----	Canal Zone-----			2	Calif.*, N. J.
Brassarola sp.-----	do-----			3	N. J.
Brassica caudata (orchid)-----	do-----			1	N. J.
Cattleya skinneri (orchid)-----	Guatemala-----			1	Calif.*
Cattleya sp.-----	Colombia, Venezuela-----	1		5	Calif.*, N. J.
Epidendrum atropurpureum (orchid)-----	Canal Zone-----			6	Calif.*, N. J., P. R.
Epidendrum sp.-----	do-----			2	N. J.
Oncidium sp. (orchid)-----	Venezuela-----			2	N. J.
Orchid-----	Colombia, Hawaii, Trinidad, Venezuela.	2		12	Calif.*, D. C., Fla.*, N. J., P. R.
Schomburgkia sp. (orchid)-----	Venezuela-----			1	N. J.
<i>Gastrodes pacificus</i> (Prov.) (Lygaeidae):					
Pinus sp. (pine)-----	Canada-----			1	Wash.
<i>Geocnethus nigrocinctus</i> (Sign.) (Cydnidae):					
Cattleya sp. (orchid)-----	Colombia-----			1	N. J.
Vitis sp. (grape)-----	Argentina-----	1			N. Y.
<i>Geocnethus semilevis</i> (Sign.) (Cydnidae):					
Centaurea cyanus (bachelors button)-----	Mexico-----	1			Tex.
Chrysanthemum sp.-----	do-----	1			Tex.
<i>Geocoris sonoraensis</i> Van D. (Lygaeidae):					
Brassica sp. (mustard)-----	do-----	1			Tex.
Petroselinum hortense (parsley)-----	do-----	1			Tex.
<i>Glyptina atriventris</i> Horn (Chrysomelidae):					
Chenopodium album (lambs-quarters)-----	do-----	1			Ariz.
<i>Glyptina nitidis</i> Horn (Chrysomelidae):					
Cut flowers-----	do-----	1			Ariz.
<i>Gnathotrichus consensaneus</i> Bldfd. (Scolytidae):					
Citrus aurantifolia (lime)-----	do-----	1			Tex.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Gnathotrichus denticulatus</i> Blkm. (Scolytidae):					
<i>Lycopersicum esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum annuum</i> (pepper).....	Cuba, Mexico.....	54			Ariz., La., Tex.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Tex.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		3		N. Y., Wash.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Azalea indica</i> (azalea).....	Japan.....		1	1	Calif.,* Wash.
<i>Gracilia minuta</i> (F.) (Cerambycidae):					
Hoops around barrel.....	England.....	1			Mass.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		1		Calif.*
<i>Gymnaspis aechmeae</i> Newst. (Coccidae):					
Bromeliad.....	Brazil.....			1	N. J.
<i>Gynaikothrips uzeli</i> Zimm. (Phlaeothripidae):					
<i>Ficus indica</i> (fig).....	Cuba.....		5		Fla.,* N. Y.
<i>Gypona angulata</i> Sptg. (Cicadellidae):					
<i>Zinnia</i> sp.....	Mexico.....	1			Ariz.
<i>Gypona delta</i> Ball (Cicadellidae):					
<i>Salvia</i> sp. (purple sage).....	do.....	1			Tex.
<i>Halisidota inexpectata</i> Roths. (Aretidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia.....			1	N. J.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation).....	Europe.....	1			N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Aster</i> sp.....	Canal Zone.....	1			N. Y.
<i>Brassica</i> sp. (mustard).....	Cuba.....	1			N. Y.
<i>Chrysanthemum coronarium</i> (crown daisy).....	do.....	1			N. Y.
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Citrus</i> sp.....	Puerto Rico.....	1			N. Y.
<i>Crinum</i> sp.....	Bahamas.....	1			N. Y.
Daisy.....	Mexico.....	1			Tex.
<i>Daucus carota</i> (carrot).....	Bahamas.....	1			N. Y.
<i>Gardenia florida</i> (Cape-jasmine).....	Mexico.....	1			Tex.
<i>Gerberia</i> sp.....	Canal Zone, Dominican Republic, Jamaica.....	6			N. Y.
<i>Gladiolus</i> sp.....	Canal Zone.....	1			N. Y.
<i>Nerium oleander</i> (oleander).....	Bahamas.....		1	1	N. Y.
<i>Rosa</i> sp.....	Bahamas, Cuba.....	5	1		Fla.*
<i>Tagetes florida</i> (marigold).....	Mexico.....	1			Tex.
<i>Zinnia</i> sp.....	Bermuda.....	1			N. Y.
<i>Helipus lauri</i> (Bob.) (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Helichus productus</i> Lcc. (Dryopidae):					
<i>Allium cepa</i> (onion).....	do.....	1			Ariz.
<i>Hellula phidyleatis</i> (Wlk.) (Pyraustidae):					
<i>Brassica alba</i> (white mustard).....	do.....	31			Calif.
<i>Brassica chinensis</i> (white greens).....	Cuba.....	23			N. Y.
<i>Brassica oleracea acephala</i> (kale).....	do.....	2			N. Y.
<i>Brassica rapa</i> (turnip).....	do.....		1		N. Y.
<i>Brassica</i> sp. (mustard).....	Cuba, Mexico.....	44			Calif., N. Y.
<i>Raphanus sativus</i> (radish).....	Cuba.....	1			N. Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica alba</i> (white mustard).....	Mexico.....	1			Calif.
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Raphanus sativus longipinnatus</i> (Chinese radish).....	Japan.....		1		Pa.
<i>Hercinothrips dimidiatus</i> Hd. (Thripidae):					
<i>Flaworthia altitinea</i> .....	Union of South Africa.....			1	Calif.*
<i>Hercinothrips errans</i> (Williams) (Thripidae):					
<i>Cypripedium</i> sp. (orchid).....	England.....			1	N. J.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Hercinothrips femoralis</i> (Reut.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid).....	England.....			1	D. C.
<i>Dendrobium nobile</i> (orchid).....	Japan.....			1	Hawaii.*
<i>Phalaenopsis aphrodite</i> (orchid).....	Philippines.....			1	Hawaii.*
<i>Phalaenopsis grandiflora</i> .....	do.....			1	Hawaii.*
<i>Phalaenopsis stuartiana</i> .....	do.....			1	Hawaii.*
<i>Heterobostrychus aequalis</i> (Waterh.) (Bos-trichidae):					
Bamboo dunnage.....	Java.....		1		Va.
Packing cases.....	India.....	1			Pa.
Wooden frame of tea chest.....	Dutch East Indies.....	2			N. Y.
Wooden cases containing mica.....	India.....	2			Mass.
<i>Homalodisca triquetra</i> (F.) (Cicadellidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
<i>Homona menciata</i> (Wlk.) (Tortricidae):					
<i>Ginkgo biloba</i> (maidenhair tree).....	Japan.....		1		N. Y.
<i>Hyalopterus atriplicis</i> (L.) (Aphidae):					
<i>Chenopodium album</i> (lamb-quarters).....	Mexico.....	2			Ariz.
<i>Hyphantria textor</i> (Harr.) (Arctiidae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Capsicum annuum</i> (pepper).....	do.....	1			Tex.
<i>Daucus carota</i> (carrot).....	do.....	1			Tex.
<i>Hypselonotus fulvus</i> (Deg.) (Coreidae):					
<i>Malvaviscus drummondii</i> .....	do.....	1			Tex.
<i>Hypsipyla grandella</i> (Zell.) (Phycitidae):					
<i>Cedrus</i> sp. (cedar).....	Honduras.....	1			N. Y.
<i>Icerya seychellarum</i> (Westw.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Tahiti.....	1			Hawaii.*
<i>Inglisia vitrea</i> (Ckll.) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil.....		1		N. Y.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
<i>Ananas sativus</i> (pineapple).....	Portugal.....	1			N. Y.
<i>Brassica</i> sp. (mustard).....	Cuba.....	1			N. Y.
<i>Iridomyrmex iniquus nigella</i> Em. (Formicidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia, Venezuela.....			3	N. J.
<i>Iridomyrmex melleus</i> Whlr. (Formicidae):					
Packing of orchid plants.....	France.....	1			Hawaii.*
<i>Iridomyrmex melleus</i> Whlr. var. (Formicidae):					
Packing of orchid plants.....	do.....	1			Hawaii.*
<i>Iridomyrmex pruinosus</i> (Rog.) (Formicidae):					
<i>Chrysanthemum coronarium</i> (crown daisy).....	Cuba.....	1			N. Y.
<i>Kaloterms marginipennis</i> Latr. (Termitidae):					
<i>Prosopis</i> sp. (mesquite).....	Mexico.....	1			Ariz.
<i>Kaloterms minor</i> Hagen (Termitidae):					
<i>Ananas sativus</i> (pineapple).....	do.....	1			Tex.
<i>Kaloterms piceatus</i> Snyder (Termitidae):					
Lumber.....	Hawaii.....	1			Calif.*
<i>Keiferia lycopersicella</i> (Busck) (Gelechiidae):					
<i>Lycopersicum esculentum</i> (tomato).....	Cuba, Mexico.....	6, 768			Ariz., Calif., N. Y., Tex., Vt.
<i>Phaserosus</i> sp. (string bean).....	Mexico.....	1			Ariz.
<i>Kuwanaspis pseudoleucaspis</i> (Kuw.) (Coccidae):					
<i>Arundinaria</i> sp.....	China.....			1	D. C.
<i>Phyllostachys</i> sp.....	do.....			1	D. C.
<i>Semiarundinaria venusta</i> .....	do.....			1	D. C.
<i>Sinobambusa laeta</i> .....	do.....			1	D. C.
<i>Sinobambusa rubroligulata</i> .....	do.....			1	D. C.
<i>Sinobambusa tootsii</i> .....	do.....			1	D. C.
<i>Kuwanaspis vermiformis</i> (Tah.) (Coccidae):					
<i>Arundinaria</i> sp.....	do.....			3	D. C.
<i>Phyllostachys</i> sp. (bamboo).....	do.....			1	D. C.
<i>Sinobambusa humila</i> .....	do.....			1	D. C.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Laemophloeus iteratus</i> Sharp (Cucujidae): <i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1	-----	-----	N. Y.
<i>Laemophloeus suturalis</i> Reitt. (Cucujidae): <i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Nicaragua..	2	-----	-----	N. Y.
<i>Laemotmetus rhizophagoides</i> (Walk.) (Cucujidae): Bamboo.....	Dutch East Indies, Java.....	-----	6	-----	N. Y., Va.
<i>Laspeyresia membra</i> Hein. (Olethreutidae): <i>Prosopis</i> sp. (mesquite).....	Mexico.....	1	1	-----	Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea sativa</i> (Spanish chestnut).....	Portugal.....	1	-----	-----	N. Y.
<i>Castanea</i> sp. (chestnut).....	Japan, Portugal, Spain..	26	1	1	Calif.*, N. Y., Pa., Wash.
<i>Lecaniodiaspis dendrobii</i> Dougl. (Coccidae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....	-----	-----	1	N. J.
<i>Lecanium coryli</i> (L.) (Coccidae): <i>Prunus</i> sp. (cherry).....	Canada.....	1	-----	-----	Wash.
<i>Leperisinus frazzini</i> Panz. (Scolytidae): <i>Fraxinus</i> sp. (ash).....	England.....	6	-----	-----	N. Y.
<i>Lepidosaphes camelliae</i> Hoke (Coccidae): <i>Camellia japonica</i> (camellia).....	Cuba, Japan, Mexico....	2	-----	2	Fla., Tex., Wash.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Eriobotrya japonica</i> (loquat).....	Japan.....	-----	1	-----	Wash.
<i>Malus</i> sp. (flowering crabapple).....	do.....	-----	1	-----	N. Y.
<i>Pyrus communis</i> (pear).....	do.....	-----	1	-----	Wash.
<i>Lepidosaphes lasianthi</i> (Green) (Coccidae): <i>Codiaeum</i> sp. (croton).....	Colombia.....	-----	-----	1	N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Juniperus</i> sp. (juniper).....	Chosen.....	1	-----	-----	N. Y.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....	-----	-----	3	Calif.*, Tex.
<i>Myrtillocactus</i> sp. (cactus).....	do.....	-----	-----	2	D. C., Tex.
<i>Pachycereus marginatus</i> (cactus).....	do.....	-----	-----	1	Tex.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae): <i>Cymbidium eburneum</i> (orchid).....	England.....	-----	-----	1	N. J.
<i>Cymbidium</i> sp.....	Belgium, England, Japan.....	-----	-----	20	Calif.*, D. C., Hawaii*, N. J., Wash.
Orchid.....	England.....	-----	-----	1	N. J.
<i>Leucaspis cockerelli</i> (deCharmoy) (Coccidae): <i>Vanda luzonica</i> (orchid).....	Philippines.....	-----	-----	1	Hawaii.*
<i>Vanda teres</i> .....	Jamaica.....	-----	-----	1	N. J.
<i>Leucaspis indica</i> Marlatt (Coccidae): <i>Mangifera indica</i> (mango).....	Cuba.....	-----	-----	1	Fla.*
<i>Leucospila albofasciata</i> Reut. (Miridae): <i>Brassica</i> sp. (mustard).....	Mexico.....	1	-----	-----	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	6	-----	-----	Ariz., Tex.
<i>Leucoptera coffeella</i> Guer. (Gracilariidae): <i>Coffea</i> sp.....	Cuba.....	2	-----	-----	Fla.*
<i>Lichtensia lutea</i> (Ckll.) (Coccidae): Unidentified leaves.....	Mexico.....	1	-----	-----	Tex.
<i>Ligyrocoris abdominalis</i> (Guer.) (Lygaeidae): <i>Cucurbita maxima</i> (squash).....	do.....	1	-----	-----	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): .....	do.....	1	-----	-----	Tex.
<i>Chrysanthemum parthenium</i> (few- few).....	do.....	1	-----	-----	Tex.
<i>Fragaria</i> sp. (strawberry).....	do.....	1	-----	-----	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	-----	-----	Tex.
<i>Ligyrocoris litigiousus</i> (Stal) (Lygaeidae): <i>Ananas sativus</i> (pineapple).....	Cuba, Mexico.....	3	-----	-----	La., Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae): <i>Ananas sativus</i> (pineapple).....	Mexico.....	1	-----	-----	Tex.
Cactus.....	do.....	-----	-----	1	Tex.
<i>Fragaria</i> sp. (strawberry).....	do.....	1	-----	-----	Tex.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....	1	-----	-----	Tex.
Orchid.....	do.....	-----	-----	1	Tex.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Ligyrocoris nitidulus</i> (Uhler) (Lygaeidae):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Ariz.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Portulaca</i> sp. (purslane).....	do.....	1			Ariz.
<i>Zea mays</i> (corn).....	do.....	1			Ariz.
<i>Ligyrocoris rubricatus</i> Barb. (Lygaeidae):					
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Ligyrocoris setosus</i> (Stal) (Lygaeidae):					
<i>Chrysanthemum maximum</i> (shasta daisy).....	do.....	1			Tex.
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Limothrips denticornis</i> Hal. (Thripidae):					
<i>Helleborus niger</i> (Christmas-rose).....	England.....			1	N. J.
<i>Lineodis integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicum esculentum</i> (tomato).....	Mexico.....	2			Ariz., Tex.
<i>Liosomaphis berberidis</i> (Kalt.) (Aphidae):					
<i>Berberis thunbergii</i> (Japanese barberry).....	Canada.....			1	D. C.
<i>Liothrips vaneeckei</i> Fr. (Thripidae):					
<i>Lilium speciosum</i> (speciosum lily).....	Japan.....			1	Wash.
<i>Lilium</i> sp. (lily).....	England, Japan.....		3	3	Md., Mass., N. Y., Wash.
<i>Liriomyza flaveola</i> Fallen (Agromyzidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	9			N. Y.
<i>Brassica oleracea acephala</i> (kale).....	do.....	5			N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	25			N. Y.
<i>Coriandrum sativum</i> (coriander).....	do.....	1			N. Y.
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Listroderes obliquus</i> Klug. (Curculionidae):					
In box of grapes.....	Argentina.....	1			N. Y.
<i>Vitis</i> sp. (grape).....	Chile.....	1			N. Y.
<i>Lophocateres pusillus</i> (Klug.) (Ostomidae):					
<i>Zea mays</i> * (corn).....	Mexico.....	2			Tex.
<i>Lorita abornana chatka</i> Busek (Phalaenidae):					
<i>Capsicum annuum</i> (pepper).....	do.....	77			Ariz.
<i>Lycopersicum esculentum</i> (tomato).....	do.....	3			Ariz.
<i>Lycorylon japonum</i> Reitt. (Lycetidae):					
Bamboo.....	Java.....		1		Va.
<i>Lygaeus circumlitus</i> Stal (Lygaeidae):					
Cut flowers.....	Mexico.....	1			Tex.
<i>Lygaeus lateralis</i> Dall. (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	3			Tex.
<i>Lycopersicum esculentum</i> (tomato).....	do.....	1			Tex.
<i>Solanum tuberosum</i> (potato).....	do.....	1	1		Ariz., Pa.
<i>Lygaeus rufiscutis</i> Stal (Lygaeidae):					
On sack of bran.....	do.....	1			Tex.
<i>Lygus championi</i> Dist. (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Lygus distinctus</i> Knicht (Miridae):					
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Ariz.
<i>Lygus elisus</i> van D. (Miridae):					
<i>Brassica</i> sp. (mustard).....	do.....	2			Tex.
<i>Petroselinum hortense</i> (parsley).....	do.....	1			Tex.
<i>Zea mays</i> (Corn).....	do.....	1			Ariz.
<i>Lygus hesperius</i> Knet. (Miridae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Lygus sallei</i> Stal (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Ariz.
<i>Macrosteles divinus</i> (Uhl.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	1			Calif.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Dioclea violacea</i> (mauna loa).....	Hawaii.....	4	1		Calif.*
<i>Phaseolus</i> sp. (string bean).....	Brazil, Haiti, Hawaii, Puerto Rico, Trin- idad, Virgin Islands.		13		Ala., Calif.,* La., Md., Mass., Pa.
<i>Matsucoccus malsumurae</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine).....	Japan.....			3	Wash.
<i>Melamasius sericeus</i> Ol. (Curculionidae):					
Banana debris.....	Honduras.....	1			Tex.
<i>Musa</i> sp. (banana).....	Ecuador, Honduras.....	4			Md., N. Y.
<i>Solanum melongena</i> (eggplant).....	Cuba.....	1			N. Y.
Under light in hold of banana boat.....	Colombia.....	1			Pa.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Metamasius sericeus carbonarius</i> Chev. (Curculionidae): Banana debris	Guatemala	1			S. C.
<i>Metrona erratica</i> (Boh.) (Chrysomelidae): <i>Gardenia florida</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Metrona profligata</i> (Boh.) (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Micrapate dinoderoides</i> (Horn) (Bostrichidae): Tree limbs used for crating	do	2			Ariz.
<i>Micrapate scapularis</i> Gorb. (Bostrichidae): <i>Sambucus</i> sp. (elder)	do	1			N. Y.
Wood crating	do	7			Ariz., N. Y., Mass.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna vulgaris</i> (heather)	Scotland	1		1	D. C., N. Y.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)	Mexico	54			Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae): <i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Venezuela			4	Calif., N. J.
<i>Mordellistena chapini</i> Ray (Mordellidae): <i>Cattleya</i> sp.	Peru			2	N. J.
Orchid	Colombia			1	N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Carica papaya</i> (papaya)	Brazil	1			N. Y.
<i>Nerium oleander</i> (oleander)	Bahamas		1		Fla.*
<i>Mormidea collaris</i> Dall. (Pentatomidae): Orchid	Mexico			1	Tex.
<i>Mozena lunata</i> (Burm.) (Coreidae): <i>Capsicum annuum</i> (pepper)	do	1			Tex.
<i>Myocalandra discors</i> Faust (Curculionidae): Bamboo	Dutch East Indies		1		Va.
<i>Myochrous denticollis</i> Say (Chrysomelidae): <i>Cattleya trianae</i> (orchid)	Colombia			1	Calif.*
<i>Nabis alternata</i> Farsch. (Nabidae): <i>Brassica rapa</i> (turnip)	Mexico	2			Tex.
<i>Brassica</i> sp. (mustard)	do	2			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Rophanus sativus</i> (radish)	do	2			Tex.
<i>Nabis punctipennis</i> Blanch. (Nabidae): <i>Brassica oleracea capitata</i> (cabbage)	Chile		1		Va.
<i>Nasutitermes cornigera</i> Motsch (Termitidae): <i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	1			N. Y.
<i>Nauclea pusio</i> (Lec.) (Mordellidae): <i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Nemapogon granella</i> (L.) (Tineidae): <i>Agaricus campestris</i> (mushroom)	Japan	2			Hawaii.*
<i>Nemocephalus guatemalensis</i> Senna (Brentidae): <i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	2			N. Y.
<i>Neoclytus cacicus</i> Chevrolat (Cerambycidae): <i>Eugenia aziliaris</i> (guayacan)	do	1			Calif.*
<i>Guaiacum officinale</i> (lignumvitae)	Canal Zone, Guatemala, Honduras	4			Calif., N. Y., Wash.
<i>Neolecanium cornuparvum</i> (Thro.) (Coccidae): <i>Magnolia liliflora</i>	Japan			1	Wash.
<i>Magnolia soulangeana</i>	do			1	Wash.
<i>Magnolia stellata</i>	do			1	Wash.
<i>Nesoteles neglectus</i> (DeL. & D.) (Cicadellidae): <i>Zinnia</i> sp.	Mexico	1			Tex.
<i>Neuroctenus simplex</i> (Uhler) (Aradidae): <i>Prosopis</i> sp. (mesquite)	do		1		Tex.
<i>Nicobium castaneum</i> (Oliv.) (Anobiidae): Wicker hamper	Portugal	1			Pa.
<i>Nicobium hirtum</i> (Ill.) (Anobiidae): Wicker hamper	do	1			Pa.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Nysius callifer</i> Stal (Lygaeidae):					
Mixed flowers	Venezuela	1			N. Y.
<i>Nysius expressus</i> Dist. (Lygaeidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		Wash.
<i>Nysius minutus</i> Uhl. (Lygaeidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Brassica</i> sp. (mustard)	do.	1			Tex.
<i>Portulaca</i> sp. (purslane)	do.	1			Tex.
<i>Zea mays</i> (corn)	do.	1			Ariz.
<i>Nysius monticola</i> Dist. (Lygaeidae):					
<i>Brassica rapa</i> (turnip)	do.	1			Tex.
<i>Spinacia oleracea</i> (spinach)	do.	1			Tex.
<i>Nyssodryus haldemani</i> Lec. (Crambycidae):					
<i>Tamerindus indica</i> (tamarind)	do.	1			Tex.
<i>Odonaspis graminis</i> Bremner (Coccidae):					
Wild grass	do.	1			Ariz.
<i>Odonaspis greeni</i> Ckll. (Coccidae):					
<i>Bambusa disseminator</i>	China			1	D. C.
<i>Bambusa pervariabilis</i>	do.			1	D. C.
<i>Odonaspis penicillata</i> Ckll. (Coccidae):					
<i>Arundinaria hindii</i> (ramrod bamboo)	do.			1	D. C.
<i>Bambusa pervariabilis</i>	do.			1	D. C.
<i>Bambusa</i> sp.	do.			1	D. C.
<i>Oedionychis durangoensis</i> Jac. (Chrysomelidae):					
<i>Zea mays</i> (corn)	Mexico	1			Ariz.
<i>Ollarianus strictus</i> (Ball) (Cicadellidae):					
<i>Chrysanthemum</i> sp.	do.	2			Tex.
<i>Dahlia</i> sp.	do.	1			Ariz.
<i>Onthophagus marginatus</i> Cast. (Scarabaeidae):					
<i>Gossypium</i> sp. (cotton)	Cuba	1			N. Y.
<i>Onychobaris ambigua</i> Csy. (Curculionidae):					
<i>Dahlia</i> sp.	Mexico	1			Ariz.
<i>Opsius stactogalus</i> Fieb. (Cicadellidae):					
<i>Delphinium</i> sp. (larkspur)	do.	1			Ariz.
<i>Orchidophilus aterrimus</i> (Wthr.) (Curculionidae):					
<i>Dendrobium cerinum</i> (orchid)	Philippines			1	Calif.*
<i>Dendrobium chrysotozum</i>	Japan			1	Hawaii.*
Orchid	Thailand			1	Calif.*
<i>Phalaenopsis aphrodite</i> (orchid)	Philippines			1	Hawaii.*
<i>Phalaenopsis grandiflora</i>	do.			1	Hawaii.*
<i>Phalaenopsis stuartiana</i>	do.			1	Hawaii.*
<i>Vanda caerulea</i> (orchid)	Japan			1	Hawaii.*
<i>Vanda sanderiana</i>	Philippines			1	Hawaii.*
<i>Orthaea scutellata</i> (Dall.) (Lygaeidae):					
<i>Brassica chinensis</i> (white greens)	Cuba	3			N. Y.
<i>Fragaria</i> sp. (strawberry)	Mexico	3			Tex.
<i>Oryctonia fucunda</i> (Fald.) (Scarabaeidae):					
<i>Pinus parviflora</i> (Japanese white pine)	Japan			1	Wash.
<i>Ozophora burmeisteri</i> (Guer.) (Lygaeidae):					
<i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Ozophora gracilipes</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Ozophora pallescens</i> (Dist.) (Lygaeidae):					
<i>Phaseolus</i> sp. (string bean)	Cuba		1		N. Y.
<i>Pachymerus olearius</i> Bridwell (Bruchidae):					
<i>Orbignya barbosiana</i>	Brazil			1	P. R.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Cuba	3			N. Y.
<i>Pagiocerus rimosus</i> Eichh. (Scolytidae):					
<i>Zea mays</i> (corn)	Peru	3			Calif.* N. Y.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato)	Guadeloupe, Jamaica	1	1		N. Y.
<i>Pantomorus xanthographus</i> Germ. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Argentina	3			N. Y.
Packing for grapes	do.	1			N. Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	D. C.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Parallelopiplosis cattleyae</i> Moll. (Cecido- myiidae):					
<i>Oncidium</i> sp. (orchid).....	Mexico.....	1			Tex.
<i>Parandra poita</i> Say (Cerambycidae):					
<i>Tahebaia donnell-smithii</i> (primavera):..	Guatemala.....	1			N. Y.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....			10	Calif.* D. C., Wash.
<i>Camellia sasanqua</i> (sasanqua tea).....	do.....			1	Calif.*
<i>Camellia</i> sp.....	do.....			2	Wash.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	1			Tex.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....	1	1		Fla.*
<i>Citrus</i> sp.....	Brazil.....			1	D. C.
<i>Parlatoria crotonis</i> Doug. (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Hawaii.....	1		1	Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Italy.....	1			N. Y.
<i>Malus</i> sp.....	do.....			1	D. C.
<i>Prunus domestica</i> (plum).....	Argentina.....	6			N. Y.
<i>Prunus</i> sp.....	Italy.....			1	D. C.
<i>Ribes nigrum</i> (European black cur- rant).	do.....	1			N. Y.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coc- cidae):					
<i>Aerides</i> sp. (orchid).....	Philippines.....			1	N. J.
<i>Dendrobium nobile</i> (orchid).....	Thailand.....			1	Calif.*
<i>Dendrobium</i> sp.....	do.....			1	Calif.*
<i>Vanda purpurea</i> (orchid).....	do.....			1	Calif.*
<i>Vanda teres</i> (orchid).....	Jamaica, Japan, Philip- pines.....			3	Hawaii.* N. J.
<i>Vanda teres alba</i> .....	Thailand.....			1	Calif.*
<i>Vanda teres andersoni</i> .....	Japan, Philippines, Thailand.....			3	Calif.* Ha- waii.*
<i>Vanda teres aurorea</i> .....	Philippines.....			1	Hawaii.*
<i>Vanda teres giganteum</i> .....	Japan.....			1	Hawaii.*
<i>Vanda teres grandiflora</i> .....	Japan, Philippines.....			2	Hawaii.*
<i>Vanda</i> sp.....	Philippines, Straits Set- tlements, Thailand.....			5	Calif.* N. J., Wash.
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....		1	1	N. Y., Wash.
<i>Prunus</i> sp.....	do.....			1	Calif.*
<i>Parlatoria ziziphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Java.....		1		Mass.
<i>Citrus grandis</i> (grapefruit).....	China.....		1		Calif.*
<i>Citrus nobilis deliciosa</i> (tangerine).....	Java.....		1		N. Y.
<i>Paromius longulus</i> (Dall.) (Lygaeidae):					
<i>Pinus</i> sp. (pine).....	Mexico.....	1			Tex.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Hibiscus</i> sp.....	Hawaii.....			3	Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechi- idae):					
<i>Gossypium</i> sp. (cottonseed).....	Bahamas, Brazil, Ha- waii, India, Mexico, Puerto Rico.....	5	3	5	Calif.* D. C., Fla.* La., Mass., N.Y., Pa., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Cuba, Mexico.....	3	2		Fla.* Tex.
<i>Gossypium</i> sp. (cotton) (boll).....	Argentina, Hawaii.....	2	3		Calif.* Pa.
<i>Gossypium</i> sp. (cotton) (linter).....	Brazil.....	1			N. Y.
<i>Gossypium</i> sp. (cotton).....	Bahamas.....	1			Fla.*
<i>Hibiscus esculentus</i> (okra).....	Brazil, St. Vincent.....		2		Mass., N. Y.
<i>Penichroa fasciata</i> Steph. (Cerambycidae):					
Wooden hoops.....	Spain.....	1			N. Y.
<i>Phaedon incertum</i> Baly (Chrysomelidae):					
<i>Diospyros</i> sp. (persimmon).....	Japan.....		1		Mass.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia ferruginea</i> .....	Brazil.....			1	D. C.
<i>Cassia fistula</i> (golden-shower).....	Panama.....	4			N. Y.
<i>Cassia moschata</i> .....	Canal Zone.....			1	N. J.
<i>Phenacaspis eugeniae</i> (Mask.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Hawaii.....			3	Calif.*
<i>Tristania conferta</i> (Brisbane-box).....	Australia.....			1	Calif.*
<i>Phenacaspis fujicola</i> Kuw. (Coccidae):					
<i>Wisteria multijuga</i> (longcluster wis- teria).	Japan.....			1	N. J.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Mexico.....	1			Ariz.
<i>Chrysanthemum</i> sp.....	do.....	2			Ariz., Tex.
<i>Lilium</i> sp. (lily).....	Bermuda.....	1			D. C.
<i>Pelargonium</i> sp. (geranium).....	Mexico.....	1		2	Ariz., Tex.
<i>Verbena</i> sp.....	do.....	1			Ariz.
<i>Zinnia</i> sp.....	do.....	1			Tex.
<i>Philophylla heraclei</i> (L.) (Euribiidae):					
<i>Apium graveolens</i> (celery).....	England.....		1		N. Y.
<i>Phlepsius distinctus</i> Lathr. (Cicadellidae):					
<i>Brassica</i> sp. (mustard).....	Mexico.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Phormesium virgulatum</i> Bates (Cerambycidae):					
<i>Cassia fistula</i> (golden-shower).....	Honduras.....		1		La.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae):					
<i>Helleborus niger</i> (Christmas-rose).....	England.....			1	N. J.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Mexico.....	1			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	4			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	2			Tex.
<i>Daucus carota</i> (carrot).....	do.....	1			Calif.
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Phyllotreta vittata discedens</i> Weise (Chrysomelidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	9			N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	8			N. Y.
<i>Coriandrum sativum</i> (coriander).....	do.....	1			N. Y.
<i>Raphanus sativus longipinnatus</i> (radish).....	do.....	2			N. Y.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
Palm.....	Japan.....		1		Calif.*
<i>Pinnaspis minor strachani</i> Cooley (Coccidae):					
<i>Dombeya</i> sp.....	Cuba.....			1	D. C.
<i>Euphoria longana</i> (longan).....	do.....	1			N. Y.
<i>Pinnaspis townsendi</i> (Ckll.) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Dendrobium</i> sp. (orchid).....	Straits Settlements.....			1	N. J.
<i>Vanda tricolor</i> (orchid).....	Australia.....			2	Hawaii.*
<i>Pionea forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	England.....		1		N. Y.
<i>Placosternus crinicornis</i> (Chevr.) (Cerambycidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Platiodera thymaloidea</i> Stal (Chrysomelidae):					
Orchid.....	do.....	1		1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum annuum</i> (pepper).....	Cuba.....	4			N. Y.
<i>Coriandrum sativum</i> (coriander).....	do.....	1			N. Y.
<i>Musa paradisiaca</i> (plantain).....	do.....	1			N. Y.
<i>Solanum melongena</i> (eggplant).....	do.....	1			N. Y.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	2			Tex.
<i>Capsicum annuum</i> (pepper).....	do.....	229			Ariz., Tex.
<i>Lycopersicum esculentum</i> (tomato).....	do.....	16			Ariz., Tex.
<i>Solanum melongena</i> (eggplant).....	do.....	1			Ariz.
<i>Platypus australis</i> Chap. (Platypodidae):					
<i>Juglans</i> sp. (walnut).....	Australia.....	2			Va.
<i>Platypus exaratus</i> Blandf. (Platypodidae):					
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	2			N. Y.
<i>Platypus poriferus</i> Chapuis (Platypodidae):					
<i>Guaiacum officinale</i> (lignumvitae).....	do.....	1			Wash.
<i>Tabebuia donnell-smithii</i> (primavera).....	do.....	1			N. Y.
<i>Platypus rugulosus</i> Chapuis (Platypodidae):					
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	3			La., N. Y.
<i>Podisus acutissimus</i> Stal (Pentatomidae):					
<i>Gardenia florida</i> (Cape-jasmine).....	Mexico.....	1			Tex.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Podisus rubromaculatus</i> Dist. (Pentatomidae):					
<i>Gardenia florida</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Polymerus basalis</i> (Reut.) (Miridae):					
<i>Chrysanthemum maximum</i> (shasta daisy).	do.	1			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Prairiana sidana</i> Ball (Cicadellidae):					
<i>Pisum sativum</i> (pea)	do.	1			Ariz.
<i>Pronotacantha annulata</i> Uhl. (Neididae):					
<i>Capsicum annuum</i> (pepper)	do.	1			Ariz.
<i>Zinnia</i> sp.	do.	1			Ariz.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia florida</i> (Cape-jasmine)	Mexico, Venezuela	2			N. Y., Tex.
<i>Pseudoaonidia clavigera</i> Ckll. (Coccidae):					
<i>Eugenia alba</i>	Hawaii			1	Calif.*
<i>Eugenia dombeyi</i> (grumixameira-tree)	do.			1	Calif.*
<i>Hibiscus</i> sp.	do.			1	Calif.*
<i>Myricaria</i> sp.	Canal Zone			1	D. C.
<i>Pseudoaonidia duplex</i> (Ckll.) (Coccidae):					
<i>Azalea</i> sp.	Japan			1	Wash.
<i>Camellia japonica</i> (camellia)	do.			6	Wash.
<i>Citrus aurantium</i> (sour orange)	do.		2		Calif.,* Fla.*
<i>Citrus nobilis deliciosa</i> (Mandarin orange).	do.	2			Wash.
<i>Corylopsis</i> sp.	do.			1	Wash.
<i>Magnolia</i> sp.	do.			2	Wash.
<i>Rhododendron</i> sp.	do.			1	Wash.
<i>Styrax obassia</i> (fragrant snowball)	do.			1	Calif.*
<i>Pseudoaonidia paeoniae</i> (Ckll.) (Coccidae):					
<i>Azalea indica</i> (azalea)	do.			3	Calif.,* Wash.
<i>Camellia japonica</i> (camellia)	do.			2	Wash.
<i>Camellia sasanqua</i> (sasanqua tea)	do.			1	Calif.*
<i>Pseudoaonidia tesserata</i> (deCharm.) (Coccidae):					
<i>Hibiscus</i> sp.	Hawaii			2	Calif.*
<i>Panax</i> sp.	do.			1	Calif.*
<i>Vitis</i> sp. (grape)	Haiti			1	N. J.
<i>Pseudoaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Brazil		1		N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Annona cherimola</i> (Jamaica apple)	Cuba		1		Fla.*
<i>Cattleya skinneri</i> (orchid)	Costa Rica			3	Calif., N. J.
<i>Cattleya skinneri alba</i>	do.			1	N. J.
<i>Epidendrum macrocarpum</i> (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum radicans</i>	do.			1	Calif.*
<i>Oncidium altissimum</i> (orchid)	Guatemala			1	Calif.*
Orchid	Costa Rica, Mexico			2	N. J., Tex.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Annona</i> sp.	Puerto Rico	1			N. Y.
<i>Epidendrum</i> sp. (orchid)	Guatemala			1	Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Iris</i> sp.	Bermuda			1	N. Y.
<i>Saccharum officinarum</i> (sugarcane)	Bahamas, Cuba, Mexico, Portugal.	6	1		Fla., N. Y., Tex.
<i>Pseudococcus gahani</i> (Green) (Coccidae):					
<i>Amygdalus persica nectarina</i> (nectarine).	Chile	2			N. Y.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Phalaenopsis aphrodite</i> (orchid)	Philippines			1	Calif.*
<i>Phalaenopsis grandiflora</i>	do.			1	Calif.*
<i>Phalaenopsis rosea</i>	do.			1	Calif.*
<i>Renanthera storiei</i> (orchid)	do.			1	Hawaii.*
<i>Vanda sanderiana</i> (orchid)	do.			1	Hawaii.*
<i>Pseudococcus nipae</i> (Mask.) (Coccidae):					
<i>Odontoglossum</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Pachycereus pecten-aboriginum</i> (cactus).	Mexico			1	N. J.
<i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae):					
<i>Carica papaya</i> (papaya)	Puerto Rico		1		Ga.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Brassica campestris</i> (rutabaga)	England		1		Pa.
<i>Brassica oleracea</i> (wild cabbage)	Portugal		1		N. Y.
<i>Brassica rapa</i> (turnip)	England		1		N. Y.
<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	do	1			N. Y.
<i>Ptinus huesanus</i> Fisher (Ptinidae):					
<i>Limonium</i> sp. (sea lavender)	Bahamas			1	N. Y.
<i>Ptinus tectus</i> Boid. (Ptinidae):					
<i>Magnolia delavayi</i>	England			1	Wash.
<i>Magnolia soulangeana alba</i>	do			1	Wash.
<i>Ptychopoda bonifata</i> (Hlst.) (Geometridae):					
Medicinal herb	Mexico	1			Tex.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Anthurium scherzerianum</i> (anthurium)	Japan			1	Hawaii.*
<i>Cymbidium</i> sp. (orchid)	England			3	D. C., N. J.
<i>Oncidium</i> sp. (orchid)	Costa Rica			2	N. J.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Chrysophyllum cainito</i> (star-apple)	Bahamas		1		Fla.*
<i>Gardenia florida</i> (Cape-jasmine)	Bahamas, Cuba	2			Fla.*
<i>Pittosporum</i> sp.	Cuba		1		Fla.*
<i>Puto mexicanus</i> Ckll. (Coccidae):					
<i>Cephalocereus senilis</i> (old-man cactus)	Mexico			2	Tex.
Orchid	do			1	Tex.
<i>Puto yuccae</i> (Coq.) (Coccidae):					
<i>Cereus marginatus</i> (cactus)	do			1	Tex.
<i>Echinofossulocactus pentacantha</i> (cactus)	do			1	Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Zea mays</i> (corn)	Japan		3		Wash.
<i>Pyropus sapphirinus</i> Gyll. (Curculionidae):					
<i>Brassica</i> sp. (mustard)	Cuba	1			N. Y.
<i>Renocis mexicanus</i> Bickm. (Scolytidae):					
Wooden frame of leather chairs	Mexico	1			Tex.
Wood crating	do	4			Ariz.
<i>Rhagoletis pomonella</i> (Walsh) (Euribiidae):					
<i>Crataegus</i> sp. (red haw)	do	2			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Rhinochenus stigma</i> L. (Curculionidae):					
<i>Hymenaea courbaril</i> (West Indian locust)	Trinidad		1		Ala.
<i>Rhipitrichus picturatus</i> (Fahr.) (Bruchidae):					
<i>Prosopis nigra</i>	Uruguay			1	N. J.
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae):					
<i>Tulipa</i> sp.	Canada, England			7	N. Y., Wash.
<i>Rhynchites mexicanus</i> Boh. (Curculionidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas sativus</i> (pineapple)	Cuba	56	4		La., N. Y.
<i>Romaleum rufulum</i> (Hald.) (Cerambycidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Schoenobius bipunctiferus</i> (Wlk.) (Schoenobiidae):					
<i>Oryza sativa</i> (rice)	China		1		Tex.
<i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae):					
Moss packing	England			1	N. J.
<i>Scolytus multistriatus</i> (Marsh.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	do	3			N. Y.
<i>Scolytus scolytus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	do	5			N. Y.
<i>Setomorpha insectella</i> (F.) (Tineidae):					
<i>Allium sativum</i> (garlic)	Mexico	3			Tex.
<i>Cephalocereus</i> sp. (cactus)	do			1	N. J.
<i>Dioscorea</i> sp. (yam)	Virgin Islands	1			N. Y.
<i>Eucharis</i> sp.	Barbados			1	N. J.
<i>Mammillaria haageana</i> (cactus)	Mexico			1	Calif.*

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con-sump-tion	Non-en-try	Prop-aga-tion	
<i>Sinorylon anale</i> Lesne (Bostrichidae): <i>Derris scandens</i> (Malay jewel vine) .....	British Malaya, Philip-pines.	3	-----	-----	N. Y.
Wood used as crate .....	French Indo-China, India.	2	-----	-----	N. Y.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae): <i>Derris scandens</i> .....	Philippines .....	1	-----	-----	N. Y.
Wood .....	French Indo-China .....	1	-----	-----	N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas sativus</i> (pineapple) .....	Mexico .....	5	-----	-----	Tex.
<i>Sitona lineata</i> L. (Curculionidae): <i>Acer palmatum dissectum</i> .....	Canada .....	-----	-----	1	Wash.
<i>Sizeonotus areolatus</i> Knegt. (Miridae): <i>Lactuca sativa</i> (lettuce) .....	Mexico .....	1	-----	-----	Tex.
<i>Spragueia leo</i> (Gn.) (Phalaenidae): <i>Aralia chinensis mandshurica</i> .....	England .....	-----	-----	1	N. J.
<i>Stephanitis pyrioides</i> Scott (Tingitidae): <i>Azalea</i> sp. ....	Japan .....	-----	1	-----	Wash.
<i>Stephanoderes buscki</i> Hopk. (Scolytidae): <i>Bertholletia nobilis</i> (Brazil nut) .....	Brazil .....	1	-----	-----	N. Y.
<i>Stephanoderes guatemalensis</i> Hopk. (Scolytidae): <i>Moringa oleifera</i> (horseradish-tree) .....	Dominican Republic .....	-----	-----	1	P. R.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae): <i>Coffea</i> sp. ....	Angola, British East Africa, Ethiopia, Portugal, Sumatra.	6	-----	-----	N. Y.
<i>Sternechus paludatus</i> Csy. (Curculioni-dae): <i>Phaseolus</i> sp. (string bean) .....	Mexico .....	1	-----	-----	Ariz.
<i>Sternonchetus mangiferae</i> (F.) (Curculioni-dae): <i>Mangifera indica</i> (mango) .....	Hawaii, Philippines .....	2	2	-----	Calif.*
<i>Stictocephala rotundata</i> Stal (Membraci-dae): <i>Brassica chinensis</i> (white greens) .....	Cuba .....	1	-----	-----	N. Y.
<i>Strategus simson</i> L. (Scarabaeidae): <i>Musa</i> sp. (banana) .....	Jamaica .....	1	-----	-----	Tex.
<i>Systema basalis</i> Duv. (Chrysomelidae): <i>Brassica chinensis</i> (white greens) .....	Cuba .....	3	-----	-----	N. Y.
<i>Brassica oleracea acephala</i> (kale) .....	do. ....	1	-----	-----	N. Y.
<i>Brassica</i> sp. (mustard) .....	do. ....	3	-----	-----	N. Y.
<i>Chrysanthemum coronarium</i> (crown daisy) .....	do. ....	2	-----	-----	N. Y.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Dianthus</i> sp. (carnation) .....	Canada .....	1	-----	-----	Wash.
<i>Taeniothrips dianthi</i> Pr. (Thripidae): <i>Dianthus</i> sp. (carnation) .....	Europe .....	1	-----	-----	N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather) .....	Scotland .....	-----	-----	1	N. Y.
<i>Taeniothrips fumosa</i> Tryb. (Thripidae): <i>Ornithogalum thyrsoides</i> (chinkerichee) .....	Union of South Africa .....	1	-----	-----	Ill.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae): <i>Lycoris</i> sp. ....	Japan .....	-----	-----	1	Wash.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae): <i>Dianthus</i> sp. (carnation) .....	Mexico .....	1	-----	-----	Tex.
<i>Gladiolus</i> sp. ....	do. ....	11	-----	-----	Tex.
<i>Gypsophila paniculata</i> (babysbreath) .....	do. ....	2	-----	-----	Tex.
Orchid .....	Venezuela .....	1	-----	-----	Fla.*
<i>Polianthes tuberosa</i> (tuberosa) .....	Mexico .....	1	-----	-----	Tex.
<i>Rosa</i> sp. ....	Cuba .....	1	-----	-----	Fla.*
<i>Taeniothrips zanthus</i> Hood (Thripidae): <i>Anthurium scherzerianum</i> (anthuri-um) .....	Japan .....	-----	-----	1	Hawaii.*
<i>Targionia bromeliae</i> ("Newst." Leon.) (Coccidae): <i>Ananas bracteatus</i> .....	Brazil .....	-----	-----	1	Hawaii.*
<i>Ananas sativus</i> (pineapple) .....	Azores, Cuba .....	7	-----	-----	Fla.*, N. Y.
<i>Targionia hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam) .....	American Virgin Islands, Barbados, Cuba, St. Vincent.	4	1	-----	Fla.*, Mass., N. Y., P. R.
<i>Zingiber officinale</i> (ginger) .....	St. Lucia .....	1	-----	-----	N. Y.
<i>Targionia sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane) .....	Bahamas, Cuba, Guate-mala, Puerto Rico, West Indies.	4	3	-----	Fla.*, Mass., N. Y.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Teleonemia nigra</i> Champ. (Tingitidae):					
<i>Chrysanthemum</i> sp. ....	Mexico .....	1			Tex.
<i>Nerium oleander</i> (oleander) .....	do .....	1			Tex.
<i>Teleonemia scrupulosa</i> Stal (Tingitidae):					
<i>Chrysanthemum</i> sp. ....	do .....	1			Tex.
<i>Rosa</i> sp. ....	do .....	1			Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya gigas</i> (orchid) .....	Colombia .....			1	Calif.*
<i>Cattleya tueddemanniana</i> .....	Venezuela .....			1	N. J.
<i>Cattleya</i> sp. ....	Brazil, Colombia, Ven- ezuela. ....			9	N. J.
<i>Oncidium</i> sp. (orchid) .....	Guatemala .....			1	N. J.
Orchid .....	Brazil, Colombia, Ven- ezuela. ....			6	N. J.
<i>Tesseroecerus dejeani</i> Chapuis (Platypodi- dae):					
<i>Tabebuia donnell-smithii</i> (primavera) .....	Guatemala .....	2			N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Greilian laurel) .....	Mexico .....	1			Tex.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange) .....	do .....	1			Ariz.
<i>Citrus</i> sp. ....	do .....	1			Ariz.
<i>Gardenia florida</i> (Cape-jasmine) .....	do .....	1			Tex.
<i>Hibiscus</i> sp. ....	do .....			1	Ariz.
<i>Lippia</i> sp. ....	do .....	1			Tex.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostri- chidae):					
<i>Cedrus</i> sp. (cedar) .....	Honduras .....	1			N. Y.
<i>Thrips nigropilosus</i> Uzel (Thripidae):					
<i>Chrysanthemum</i> sp. ....	Canada .....	1			Hawaii.*
<i>Thyanta accerra</i> McA. (Pentatomidae):					
<i>Lactuca sativa</i> (lettuce) .....	Mexico .....	1			Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Euri- biidae):					
<i>Carica papaya</i> (papaya) .....	do .....	1			Tex.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane) .....	American Virgin Is- lands, Canal Zone, Cuba, Mexico, Tahiti.	5		2	Calif.* D. C., N. Y., Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Epidendrum ciliare</i> (orchid) .....	Canal Zone .....			1	N. J.
<i>Izora</i> sp. ....	British Honduras .....	1			Fla.*
Orchid .....	Canal Zone, Dominican Republic, Jamaica, Trinidad.			4	D. C., P. R.
<i>Xanthophthalma concinnum</i> Ckll. & Par. (Coccidae):					
<i>Cocos nucifera</i> (coconut) .....	Honduras .....		1		La.
<i>Xestocoris collinus</i> (Dist.) (Lygaeidae):					
<i>Cattleya bowringiana</i> (orchid) .....	Guatemala .....			1	N. J.
<i>Xyleborus affinis</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar) .....	Honduras .....	1			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera) .....	Guatemala .....	1			La.
<i>Theobroma</i> sp. ....	Brazil .....		1		N. Y.
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Tabebuia donnell-smithii</i> (primavera) .....	Guatemala, Mexico .....	8			La., N. Y.
<i>Xyleborus fuscatus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar) .....	Honduras .....	2			N. Y.
<i>Guaiacum officinale</i> (lignumvitae) .....	Canal Zone .....		1		N. Y.
<i>Tabebuia donnell-smithii</i> (primavera) .....	Mexico .....	1			N. Y.
<i>Xyleborus macer</i> Bldfd. (Scolytidae):					
<i>Tabebuia donnell-smithii</i> .....	Guatemala .....	3			La., N. Y.
<i>Xyleborus monigerus</i> Bldfd. (Scolytidae):					
<i>Dendrobium phalaenopsis</i> (orchid) .....	Australia .....			1	Calif.*
<i>Dendrobium spectabile</i> .....	do .....			1	Calif.*
<i>Xyleborus propinquus</i> Eichh. (Scolytidae):					
<i>Cedrela</i> sp. ....	Colombia .....	1			N. Y.
<i>Cedrus</i> sp. (cedar) .....	Honduras .....	2			N. Y.
<i>Citrus aurantifolia</i> (lime) .....	Mexico .....	1			Tex.
<i>Lycopersicum esculentum</i> (tomato) .....	do .....	1			Tex.
<i>Sicetena mahogany</i> (mahogany) .....	Guatemala .....	1			La.
<i>Xylothrips flavipes</i> (Ill.) (Bostri- chidae):					
Wooden case with guttapercha .....	Java .....	3			Mass.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con-sump-tion	Non-en-try	Prop-aga-tion	
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
<i>Ananas sativus</i> (pineapple).....	Cuba.....	1			La.
Bean.....	Brazil, Honduras, Mex-ico.	79	4		La., N. Y., Tex.
<i>Chrysanthemum</i> sp. ....	Mexico.....	3			Tex.
<i>Lycopersicum esculentum</i> (tomato).....	do.....	1			Tex.
<i>Oryza sativa</i> (rice).....	do.....	1			Tex.
<i>Phaseolus lunatus macrocarpus</i> (Lima bean).	Cuba.....			3	Calif.*
<i>Phaseolus vulgaris</i> .....	Brazil.....			1	D. C.
<i>Phaseolus</i> sp. (string bean).....	Mexico.....	1			Ariz.
<i>Tagetes</i> sp. (marigold).....	do.....	1			Tex.
<i>Vigna sinensis</i> (cowpea).....	Brazil.....			1	D. C.
<i>Zea mays</i> (corn).....	Mexico.....	5			Tex.
<i>Zinnia</i> sp.....	do.....	1			Tex.

### Hosts and insects

#### ABIES:

*Chermes nusslini* (Homoptera)

#### ACACIA:

*Acanthoscelides sallaci* (Coleoptera)

#### ACER:

*Parlatoria theae* (Homoptera)

*Sitona lineata* (Coleoptera)

#### ACHRAS:

*Coccus viridis* (Homoptera)

#### AGARICUS:

*Nemapogon granella* (Lepidoptera)

#### AGLAONEMA:

*Endrosia lactella* (Lepidoptera)

#### ALLIUM CEPA:

*Aeolus dorsalis* (Coleoptera)

*Callosobruchus maculatus* (Coleoptera)

*Draculacephala minerva* (Hemiptera)

*Epilachna varivestis* (Coleoptera)

*Helicinus productus* (Coleoptera)

#### ALLIUM SATIVUM:

*Eryptochloera fuscicornis* (Hemiptera)

*Ligyrocoris nitidulus* (Hemiptera)

*Setomorpha insectella* (Lepidoptera)

#### ALTHAEA:

*Frankliniella fortissima* (Thysanoptera)

#### ALYXIA:

*Ceroplastes rubens* (Homoptera)

#### AMARYLLIS:

*Anaphothrips orchidii* (Thysanoptera)

#### AMYGDALUS COMMUNIS:

*Aspidiotus destructor* (Homoptera)

#### AMYGDALUS PERSICA:

*Anastrepha ludens* (Diptera)

*Conotrachelus nenuphar* (Coleoptera)

*Conotrachelus seniculus* (Coleoptera)

#### AMYGDALUS PERSICA NECTARINA:

*Endrosia lactella* (Lepidoptera)

*Pseudococcus gahani* (Homoptera)

#### ANANAS:

*Acroleucus vicinalis* (Hemiptera)

*Alpheias conspiciata* (Lepidoptera)

*Clerada apicicornis* (Hemiptera)

*Cossonus excavatus* (Coleoptera)

*Drasterius cribratus* (Coleoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Kaloterms minor* (Isoptera)

*Ligyrocoris litigiosus* (Hemiptera)

*Ligyrocoris nitidicollis* (Hemiptera)

*Ritua innoxia* (Lepidoptera)

*Sisamnes contractus* (Hemiptera)

*Targionia bromelinae* (Homoptera)

*Zabrotes subfasciatus* (Coleoptera)

#### ANNONA:

*Aspidiotus destructor* (Homoptera)

*Pseudischchnaspis alienus* (Homoptera)

*Pseudischchnaspis bowdleyi* (Homoptera)

#### ANTHURIUM:

*Ceroplastes rubens* (Homoptera)

*Pulvinaria floccifera* (Homoptera)

*Taeniothrips xanthius* (Thysanoptera)

#### ANTIRRHINUM:

*Allocoris incognita* (Hemiptera)

*Cyrtopeltis tenuis* (Hemiptera)

*Frankliniella fortissima* (Thysanoptera)

*Frankliniella insularis* (Thysanoptera)

*Phenacoccus gossypii* (Homoptera)

#### APIUM:

*Anuraphis apiifolia* (Homoptera)

*Philophylla heraclei* (Diptera)

#### ARALIA:

*Spragueia leo* (Lepidoptera)

#### ARUNDINARIA:

*Antonina cravii* (Homoptera)

*Antonina tobai* (Homoptera)

*Chionaspis elongata* (Homoptera)

*Kuwanaspis pseudoleucaspis* (Homoptera)

*Kuwanaspis vermiciformis* (Homoptera)

*Odonaspis penicillata* (Homoptera)

#### ASTER:

*Haplothrips gowdeyi* (Thysanoptera)

#### ASTROPHYTUM—See Cactaceae

#### ATTALEA:

*Aspidiotus spinosus* (Homoptera)

#### AUCUBA:

*Aspidiotus destructor* (Homoptera)

#### AZALEA:

*Gracilaria azaleella* (Lepidoptera)

*Pseudaonidia duplex* (Homoptera)

*Pseudaonidia paeoniae* (Homoptera)

*Stephanitis pyrioides* (Hemiptera)

#### BAMBOO:

*Asterolecanium mliaris longum* (Homoptera)

*Formosaspis formosanus* (Homoptera)

*Heterobostrychus aequalis* (Coleoptera)

*Laemotmetus rhizophagoides* (Coleoptera)

*Lyctoxylon japonum* (Coleoptera)

*Myocalandra discors* (Coleoptera)

#### BAMBUSA:

*Antonina cravi* (Homoptera)

*Asterolecanium bambusae* (Homoptera)

*Asterolecanium bambusicola* (Homoptera)

*Asterolecanium mliaris* (Homoptera)

*Chaetococcus bambusae* (Homoptera)

*Odonaspis greeni* (Homoptera)

*Odonaspis penicillata* (Homoptera)

#### BANANA DEBRIS:

*Metamasius sericeus* (Coleoptera)

*Metamasius sericeus carbonarius* (Coleoptera)

#### BEAN:

*Callosobruchus chinensis* (Coleoptera)

*Zabrotes subfasciatus* (Coleoptera)

#### BERBERIS:

*Liosomaphis berberidis* (Homoptera)

*Hosts and insects—Continued*

- BERTHOLLETTIA:**  
*Stephanoderes buscki* (Coleoptera)
- BETA VULGARIS:**  
*Brochymena sulcata* (Hemiptera)  
*Hyphantria texior* (Lepidoptera)
- BETA VULGARIS CICLA:**  
*Caulotops agavis* (Hemiptera)  
*Conotrachelus seniculus* (Coleoptera)  
*Empoasca abrupta* (Hemiptera)  
*Epilachna varivestis* (Coleoptera)  
*Phyllotreta pusilla* (Coleoptera)
- BRASSAVOLA**—See Orchidaceae
- BRASSIA**—See Orchidaceae
- BRASSICA ALBA:**  
*Cyrtopeltis varians* (Hemiptera)  
*Hellula phidilealis* (Lepidoptera)
- BRASSICA CAMPESTRIS:**  
*Ceutorhynchus pleurostigma* (Coleoptera)  
*Psylliodes chrysocephala* (Coleoptera)
- BRASSICA CHINENSIS:**  
*Ceratocapsus cubanus* (Hemiptera)  
*Cyrtopeltis tenuis* (Hemiptera)  
*Hellula phidilealis* (Lepidoptera)  
*Liriomyza flaveola* (Diptera)  
*Nysius expressus* (Hemiptera)  
*Orthaea scutellata* (Hemiptera)  
*Ozophora burmeisteri* (Hemiptera)  
*Phyllotreta vittata discedens* (Coleoptera)  
*Stictocephala rotundata* (Hemiptera)  
*Systema basalis* (Coleoptera)
- BRASSICA OLERACEA:**  
*Psylliodes chrysocephala* (Coleoptera)
- BRASSICA OLERACEA ACEPHALA:**  
*Hellula phidilealis* (Lepidoptera)  
*Liriomyza flaveola* (Diptera)  
*Systema basalis* (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:**  
*Pionea forficata* (Lepidoptera)
- BRASSICA OLERACEA CAPITATA:**  
*Parathra brassicae* (Lepidoptera)  
*Eumecosomyia nubila* (Diptera)  
*Hellula undalis* (Lepidoptera)  
*Metriona profligata* (Coleoptera)  
*Nabis punctipennis* (Hemiptera)
- BRASSICA RAPA:**  
*Catorhintha guttula* (Hemiptera)  
*Ceratocapsus punctulatus* (Hemiptera)  
*Ceutorhynchus pleurostigma* (Coleoptera)  
*Cyrtopeltis varians* (Hemiptera)  
*Dactylosternum abdominale* (Coleoptera)  
*Hellula phidilealis* (Lepidoptera)  
*Hyphantria texior* (Lepidoptera)  
*Nabis alternata* (Hemiptera)  
*Nysius minutus* (Hemiptera)  
*Nysius monticola* (Hemiptera)  
*Phyllotreta pusilla* (Coleoptera)  
*Platynota stultana* (Lepidoptera)  
*Psylliodes chrysocephala* (Coleoptera)
- BRASSICA SP. (mustard)**  
*Conoderus bifoveolatus* (Coleoptera)  
*Cymoninus notabilis* (Hemiptera)  
*Cyrtopeltis tenuis* (Hemiptera)  
*Cyrtopeltis varians* (Hemiptera)  
*Deloyala lecontei* (Coleoptera)  
*Draculacephala minerva* (Hemiptera)  
*Euphrytus parvicollis* (Coleoptera)  
*Geocoris sonoraensis* (Hemiptera)  
*Haplothrips gowdeyi* (Thysanoptera)  
*Hellula phidilealis* (Lepidoptera)  
*Hellula undalis* (Lepidoptera)  
*Hyphantria texior* (Lepidoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Leucopocila albofasciata* (Hemiptera)  
*Liriomyza flaveola* (Coleoptera)  
*Lygus elisus* (Hemiptera)  
*Lygus hesperius* (Hemiptera)  
*Nabis alternatus* (Hemiptera)  
*Nysius minutus* (Hemiptera)  
*Phlepsioides distinctus* (Hemiptera)  
*Phyllotreta pusilla* (Coleoptera)  
*Phyllotreta vittata discedens* (Coleoptera)  
*Pyropus sapphirinus* (Coleoptera)  
*Systema basalis* (Coleoptera)
- BROMELIAD:**  
*Gymnaspis aechmeae* (Homoptera)
- CACTACEAE:**  
*Amphicerus cornutus* (Coleoptera)  
*Calymnaderus oblongus* (Coleoptera)  
*Chelinidea canyonis* (Hemiptera)  
*Chelinidea vittiger aequoris* (Hemiptera)
- CACTACEAE—Continued.**  
*Lepidosaphes phillococcus* (Homoptera)  
*Ligyrocoris nitidicollis* (Hemiptera)  
*Pseudodiaspis yuccae* (Homoptera)  
*Puto mexicanus* (Homoptera)  
*Puto yuccae* (Homoptera)  
*Setomorpha insectella* (Lepidoptera)
- CAESALPINIA CORIARIA:**  
*Acanthoscelides dominicanus* (Coleoptera)
- CAJANUS:**  
*Acanthoscelides armitagei* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)
- CALAMUS:**  
*Dinoderus bifoveolatus* (Coleoptera)
- CALLUNA:**  
*Corcyra cephalonica* (Lepidoptera)  
*Micelus ericae* (Coleoptera)  
*Taeniothrips ericae* (Thysanoptera)
- CAMELLIA:**  
*Aspidiotus degeneratus* (Homoptera)  
*Ceroplastes ceriferus* (Homoptera)  
*Ceroplastes floridensis* (Homoptera)  
*Ceroplastes rubens* (Homoptera)  
*Lepidosaphes camelliae* (Homoptera)  
*Parlatoria camelliae* (Homoptera)  
*Pseudaniditia duplex* (Homoptera)  
*Pseudaniditia paeoniae* (Homoptera)
- CANAVALIA:**  
*Cosmolyce boticus* (Lepidoptera)
- CAPSIUM:**  
*Dikraneura kunzei* (Hemiptera)  
*Draculacephala portola* (Hemiptera)  
*Euzesta stigmatias* (Diptera)  
*Faustinus cubae* (Coleoptera)  
*Gnorimoschema gudmannella* (Lepidoptera)  
*Hyphantria texior* (Lepidoptera)  
*Lorita abornana chatka* (Lepidoptera)  
*Mozena lunata* (Hemiptera)  
*Platynota rostrana* (Lepidoptera)  
*Platynota stultana* (Lepidoptera)  
*Pronotacantha annulata* (Hemiptera)
- CARICA:**  
*Aspidiotus destructor* (Homoptera)  
*Morganella longispina* (Homoptera)  
*Pseudoparlatoria ostreala* (Homoptera)  
*Toxotrypana curvicauda* (Diptera)
- CASIMIROA:**  
*Anastrepha ludens* (Diptera)
- CASSIA:**  
*Aganactes indecora* (Lepidoptera)  
*Phelomelus aberrans* (Coleoptera)  
*Phormesum virgulatum* (Coleoptera)
- CASTANEA:**  
*Laspeyresia splendana* (Lepidoptera)
- CATTLEA**—See Orchidaceae
- OEDRELA:**  
*Xyleborus propinquus* (Coleoptera)
- OEDRUS:**  
*Brentus mexicanus* (Coleoptera)  
*Dactylosternum abdominale* (Coleoptera)  
*Hypsipyla grandella* (Lepidoptera)  
*Tetrapriocera longicornis* (Coleoptera)  
*Xyleborus affinis* (Coleoptera)  
*Xyleborus fuscatus* (Coleoptera)  
*Xyleborus propinquus* (Coleoptera)
- CELOSIA:**  
*Ezptochiomeria fuscicornis* (Hemiptera)
- CENTAUREA:**  
*Geocnethus semilevis* (Hemiptera)
- CEPHALOCEREUS**—See Cactaceae
- CHENOPODIUM:**  
*Epicaula pardalis* (Coleoptera)  
*Glyptina atriventris* (Coleoptera)  
*Hyalopteris atriplicis* (Homoptera)
- CHRYSANTHEMUM:**  
*Aeolus dorsalis* (Coleoptera)  
*Amorbia emigratella* (Lepidoptera)  
*Anacetrinus deplanatus* (Coleoptera)  
*Chaetopsis julitrons* (Diptera)  
*Corythucha morrilli* (Hemiptera)  
*Cymoninus notabilis* (Hemiptera)  
*Empoasca abrupta* (Hemiptera)  
*Entylia sinuata* (Hemiptera)  
*Ezptochiomeria minima* (Hemiptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Geocnethus semilevis* (Hemiptera)  
*Haplothrips gowdeyi* (Thysanoptera)  
*Iridomyrmex pruinosus* (Hymenoptera)  
*Ligyrocoris aurilliana* (Hemiptera)  
*Ligyrocoris setosus* (Hemiptera)

## Hosts and insects—Continued

## CHRYSANthemum—Continued.

- Nabis alternatus* (Hemiptera)
- Ollarianus strictus* (Hemiptera)
- Phenacoccus gossypii* (Homoptera)
- Polymerus basalis* (Hemiptera)
- Systema basalis* (Coleoptera)
- Teleonemia nigra* (Hemiptera)
- Teleonemia scrupulosa* (Hemiptera)
- Thrips nigropilosus* (Thysanoptera)
- Zabrotes subfasciatus* (Coleoptera)

## CHRYsOPHYLLUM:

- Asterolecanium pustulans* (Homoptera)
- Pulvinaria psidi* (Homoptera)

## CICER:

- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Caulophilus latinasus* (Coleoptera)

## CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Gnathotrichus consentaneus* (Coleoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria ziziphus* (Homoptera)
- Xyleborus propinquus* (Coleoptera)

## CITRUS AURANTIUM:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Pseudonidia duplex* (Homoptera)

## CITRUS GRANDIS:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Anastrepha suspensa* (Diptera)
- Parlatoria ziziphus* (Homoptera)

## CITRUS LIMETTA:

- Anastrepha ludens* (Diptera)

## CITRUS LIMONIA:

- Aleurothrixus howardi* (Homoptera)
- Chrysomphalus personatus* (Homoptera)

## CITRUS NOBILIS DELICIOSA:

- Ceratitis capitata* (Diptera)
- Chionaspis yanonensis* (Homoptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Parlatoria ziziphus* (Homoptera)
- Pseudonidia duplex* (Homoptera)

## CITRUS SINENSIS:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chionaspis yanonensis* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Tetraleurodes mori* (Homoptera)

## CITRUS SP.:

- Dialeurodes citrifolii* (Homoptera)
- Frankliniella cubensis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Parlatoria cinerea* (Homoptera)
- Tetraleurodes mori* (Homoptera)

## COCOS:

- Aspidiotus destructor* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Xanthophthalma concinnum* (Homoptera)

## CODIAEUM:

- Lepidosaphes lasianthi* (Homoptera)
- Parlatoria crotonis* (Homoptera)

## COFFEA:

- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Leucoptera coffeella* (Lepidoptera)
- Stephanoderes hampei* (Coleoptera)

## CORDYLINE:

- Aonidiella inornata* (Homoptera)

## CORIANDRUM:

- Liriomyza flabicola* (Diptera)
- Platynota rostrana* (Lepidoptera)
- Phyllotreta vittata discedens* (Coleoptera)

## CORYLOPSIS:

- Pseudonidia duplex* (Homoptera)

## CRATAEGUS:

- Rhagoletis pomonella* (Diptera)

## CRINUM:

- Haplothrips gowdeyi* (Thysanoptera)

## CUCURBITA:

- Eumecosomyia nubila* (Diptera)
- Ligyrocoris abdominalis* (Hemiptera)

## CYDONIA:

- Anastrepha ludens* (Diptera)

## CYMBIDIUM—See Orchidaceae

## CYPRIPIEDUM—See Orchidaceae

## DAHLIA:

- Centrinaspis picumnus* (Coleoptera)
- Ollarianus strictus* (Hemiptera)
- Onychobaris ambigua* (Coleoptera)

## DAISY:

- Frankliniella fortissima* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)

## DAUCUS:

- Amphicerus cornutus* (Coleoptera)
- Brochymena sulcata* (Hemiptera)
- Corythucha morrilli* (Hemiptera)
- Draeculacephala minerva* (Hemiptera)
- Empoasca abrupta* (Hemiptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Hyphantria textor* (Lepidoptera)
- Phyllotreta pusilla* (Coleoptera)

## DELPHINIUM:

- Frankliniella fortissima* (Thysanoptera)
- Opstus stactogalus* (Hemiptera)

## DENDROBIUM—See Orchidaceae

## DERRIS:

- Dinoderus bifoveolatus* (Coleoptera)
- Sinoxylon anale* (Coleoptera)
- Sinoxylon conigerum* (Coleoptera)

## DIANTHUS:

- Brachyrhinus ovatus* (Coleoptera)
- Frankliniella fortissima* (Thysanoptera)
- Haplothrips cottei* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips dianthi* (Thysanoptera)
- Taeniothrips simplex* (Thysanoptera)

## DIGITARIA:

- Antonina indica* (Homoptera)

## DIOCLEA:

- Cosmolyce boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)

## DIOSCOREA:

- Palaeopos costicollis* (Coleoptera)
- Setomorpha insectella* (Lepidoptera)
- Targionia hartii* (Homoptera)

## DIOSPYROS:

- Coreya cephalonica* (Lepidoptera)
- Phaedon incertum* (Coleoptera)

## DOMBEYA:

- Pinaspis minor strachani* (Homoptera)

## ENCEPHALARTOS:

- Diaspis zamiae* (Homoptera)

## EPIDENDRUM—See Orchidaceae

## ERIOBOTRYA

- Lepidosaphes conchiformis* (Homoptera)

## EUCHARIS:

- Setomorpha insectella* (Lepidoptera)

## EUGENIA:

- Aonidiella eugeniae* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Chrysomphalus rossi* (Homoptera)
- Neoclytus caccius* (Coleoptera)
- Pseudonidia clavigera* (Homoptera)

## EUPHORIA:

- Pinaspis minor strachani* (Homoptera)

## FICUS:

- Amphicerus cornutus* (Coleoptera)
- Ceratitis capitata* (Diptera)
- Ceroplastes ruci* (Homoptera)
- Gynaikothrips uzeli* (Thysanoptera)

## FRAGARIA:

- Conotrachelus leucophaeus* (Coleoptera)
- Eryptochiromera oblonga* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Ligyrocoris nitidicollis* (Hemiptera)
- Orthaea scutellata* (Hemiptera)

## FRAXINUS:

- Leperisinus fraxini* (Coleoptera)

## FUCHSIA:

- Brachyrhinus armadillo* (Coleoptera)

## GARDENIA:

- Acroleucus tullus* (Hemiptera)
- Ceroplastes floridensis* (Homoptera)
- Coccus viridis* (Homoptera)
- Draeculacephala portola* (Hemiptera)
- Euphalerus nidifex* (Hemiptera)
- Euryopthalmus bipustulatus* (Hemiptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella fortissima* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Metriona erratica* (Coleoptera)
- Podisus acutissimus* (Hemiptera)
- Podisus rubromaculatus* (Hemiptera)
- Protupulvinaria pyrifermis* (Homoptera)



*Hosts and insects—Continued***GARDENIA—Continued.**

*Pulvinaria psidii* (Homoptera)  
*Tetraneura mori* (Homoptera)

**GERBERIA:**

*Frankliniella insularis* (Thysanoptera)  
*Haplothrips gowdeyi* (Thysanoptera)

**GINKGO:**

*Homona menciata* (Lepidoptera)

**GLADIOLUS:**

*Frankliniella fortissima* (Thysanoptera)  
*Haplothrips gowdeyi* (Thysanoptera)  
*Taeniothrips simplex* (Thysanoptera)

**GOSSYPIMUM:**

*Corcyra cephalonica* (Lepidoptera)  
*Onthophagus marginatus* (Coleoptera)  
*Pectinophora gossypiella* (Lepidoptera)

**GUAIACUM:**

*Laemophloeus iteratus* (Coleoptera)  
*Neoclytus cacticus* (Coleoptera)  
*Platypus poriferus* (Coleoptera)  
*Xyleborus fuscatus* (Coleoptera)

**GYPSOPHILA:**

*Ligyrocoris nitidicollis* (Hemiptera)  
*Taeniothrips simplex* (Thysanoptera)

**HAWORTHIA:**

*Hercinotrips dimidiatus* (Thysanoptera)

**HELLEBORUS:**

*Limothrips denticornis* (Thysanoptera)  
*Phyllotreta atra* (Coleoptera)

**HIBISCUS:**

*Asterolecanium pustulans* (Homoptera)  
*Crocosema pl-beiana* (Lepidoptera)  
*Psallius hibisci* (Homoptera)  
*Pectinophora gossypiella* (Lepidoptera)  
*Pseudanidia clarigera* (Homoptera)  
*Pseudanidia tessellata* (Homoptera)  
*Tetraneura mori* (Homoptera)

**HYMENAEA:**

*Rhinocerus stigma* (Coleoptera)

**INDOCALAMUS:**

*Antonina crawi* (Homoptera)

**IPOMOEA:**

*Cylas formicarius* (Coleoptera)  
*Cylas puncticollis* (Coleoptera)  
*Cylas turcippennis* (Coleoptera)  
*Euscepes postfasciatus* (Coleoptera)  
*Euzesta notata* (Diptera)  
*Palaeopus costicollis* (Coleoptera)

**IRIS:**

*Frankliniella fortissima* (Thysanoptera)  
*Pseudococcus boninensis* (Homoptera)

**IXORA:**

*Vinsonia stellifera* (Homoptera)

**JASMINUM:**

*Frankliniella cubensis* (Thysanoptera)

**JUGLANS:**

*Brontes australis* (Coleoptera)  
*Platypus australis* (Coleoptera)

**JUNIPERUS:**

*Lepidosaphes pallida* (Homoptera)

**LACTUCA:**

*Atheas fuscipes* (Hemiptera)  
*Baldus climatus* (Hemiptera)  
*Colecerus marmoratus* (Coleoptera)  
*Corythucha morrilli* (Hemiptera)  
*Delphacodes koebeli* (Hemiptera)  
*Draculacephala balli* (Hemiptera)  
*Draculacephala minerva* (Hemiptera)  
*Draculacephala portola* (Hemiptera)  
*Empoasca fabae* (Hemiptera)  
*Empoasca phaseola* (Hemiptera)  
*Empoasca solana* (Hemiptera)  
*Epilachna varivestis* (Coleoptera)  
*Eumecosomyia nubila* (Diptera)  
*Feltia subterranea* (Lepidoptera)  
*Leucopocila albifasciata* (Hemiptera)  
*Ligyrocoris aurivilliana* (Hemiptera)  
*Ligyrocoris nitidulus* (Hemiptera)  
*Lygaeus lateralis* (Hemiptera)  
*Lygus championi* (Hemiptera)  
*Lygus sallei* (Hemiptera)  
*Macrosteles divinus* (Hemiptera)  
*Nauclea pusio* (Coleoptera)  
*Phlepsius distinctus* (Hemiptera)  
*Placosternus crinicornis* (Coleoptera)  
*Rhynchites mexicanus* (Coleoptera)  
*Sizeonotus areolatus* (Hemiptera)  
*Thyanta acerra* (Hemiptera)

**LARIX:**

*Echinocnemus bipunctatus* (Coleoptera)

**LATHYRUS:**

*Bruchus affinis* (Coleoptera)  
*Bruchus tristiculus* (Coleoptera)  
*Frankliniella fortissima* (Thysanoptera)

**LAURUS:**

*Aonidia lauri* (Homoptera)  
*Aspidiotus spinosus* (Homoptera)  
*Homalodisca triquetra* (Hemiptera)  
*Inglisia ritrea* (Homoptera)  
*Pseudanidia trilobitiformis* (Homoptera)  
*Tetraneura acaciae* (Homoptera)

**LENS:**

*Bruchus lentis* (Coleoptera)

**LILIUM:**

*Callidium rufipenne* (Coleoptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Liothrips vaneeckei* (Thysanoptera)  
*Phenacoccus gossypii* (Homoptera)

**LIMONIUM:**

*Ptinus huesanus* (Coleoptera)

**LINGNANIA:**

*Chaetococcus bambusae* (Homoptera)

**LINUM:**

*Aleyrodes spiraeoides* (Homoptera)

**LIPPIA:**

*Tetraneura mori* (Homoptera)

**LITCHI:**

*Fiorinia nephelii* (Homoptera)

**LONGCHOCARPUS:**

*Dinoderus bifoveolatus* (Coleoptera)

**LYCASTE—See Orchidaceae****LYCOPERSICUM:**

*Amorbia emigratella* (Lepidoptera)  
*Auficus impressicollis* (Hemiptera)  
*Cossonus canaliculatus* (Coleoptera)  
*Exptochiomera minima* (Hemiptera)  
*Forsebia perlata* (Lepidoptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Gnathotrichus denticulatus* (Coleoptera)  
*Keiferia lycopersicula* (Lepidoptera)  
*Lineodes integra* (Lepidoptera)  
*Lorita abornana chatka* (Lepidoptera)  
*Lygaeus lateralis* (Hemiptera)  
*Platynota stultana* (Lepidoptera)  
*Xyleborus propinquus* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)

**LYCORIS:**

*Taeniothrips gracilis* (Thysanoptera)

**MAGNOLIA:**

*Ceroplastes rubens* (Homoptera)  
*Neolecanium cornuparvum* (Homoptera)  
*Pseudanidia duplex* (Homoptera)  
*Ptinus tectus* (Coleoptera)

**MALUS:**

*Anastrepha ludens* (Diptera)  
*Ceratitis capitata* (Diptera)  
*Epidiopsis piricola* (Homoptera)  
*Grapholitha molesta* (Lepidoptera)  
*Lepidosaphes conetiformis* (Homoptera)  
*Parlatoria oleae* (Homoptera)  
*Rhagoletis pomonella* (Diptera)

**MALVA:**

*Apion longirostre* (Coleoptera)

**MALVAVISCUS:**

*Euryophthalmus bipustulatus* (Hemiptera)  
*Hypselonotus fulvus* (Hemiptera)

**MAMMEA:**

*Anastrepha serpentina* (Diptera)  
*Aspidiotus spinosus* (Homoptera)

**MANGIFERA:**

*Anastrepha ludens* (Diptera)  
*Anastrepha mombinpraepians* (Diptera)  
*Anastrepha serpentina* (Diptera)  
*Aulacaspis mangiferae* (Homoptera)  
*Ceratitis capitata* (Diptera)  
*Icerya seychellarum* (Homoptera)  
*Leucaspis indica* (Homoptera)  
*Phenacaspis eugeniae* (Homoptera)  
*Sternonchelus mangiferae* (Coleoptera)

**MAXILLARIA—See Orchidaceae.****MEDICAGO:**

*Artipus floridanus* (Coleoptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Liriomyza flaveola* (Diptera)

**MENTHA:**

*Corizus punctatus* (Hemiptera)

## Hosts and insects—Continued

- MORINGA:  
*Stephanoderes guatemalensis* (Coleoptera)
- MYRICARIA:  
*Pseudonidia clavipera* (Homoptera)
- MYRTILLOCACTUS—See Cactaceae
- MUSA PARADISIACA:  
*Platynota rostrana* (Lepidoptera)
- MUSA:  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Ceratopis bisignatus* (Coleoptera)  
*Chrysomphalus flavoniferus* (Homoptera)  
*Conotrachelus fluvialis* (Coleoptera)  
*Deloyala guttata* (Coleoptera)  
*Metamasius sericeus* (Coleoptera)  
*Strategus simsoni* (Coleoptera)
- NARCISSUS:  
*Enarosis lacteella* (Lepidoptera)
- NERIUM:  
*Asterolecanium rustulans* (Homoptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Haplothrips gowaei* (Thysanoptera)  
*Morganella longispina* (Homoptera)  
*Teleonemia nigra* (Hemiptera)
- ODONTOGLOSSUM—See Orchidaceae
- ONCIDIUM—See Orchidaceae
- ORBIGNYA:  
*Pachymerus olearius* (Coleoptera)
- ORCHIDACEAE:  
*Acroleucus vicinalis* (Hemiptera)  
*Anaphothrips orchidaceus* (Thysanoptera)  
*Aspidiotus coryphae* (Homoptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Asterolecanium aureum* (Homoptera)  
*Cacoscelis scriptipennis* (Coleoptera)  
*Calymnus cucullatus* (Coleoptera)  
*Chrysomphalus alienus* (Homoptera)  
*Chrysomphalus biflorus* (Homoptera)  
*Chrysomphalus rossi* (Homoptera)  
*Clerada apicicornis* (Hemiptera)  
*Cligenes picturata* (Hemiptera)  
*Conchaspis atracci* (Homoptera)  
*Eucalandra stulosa* (Coleoptera)  
*Eurycypitia vestitus* (Hemiptera)  
*Eurytoma orchidearum* (Hymenoptera)  
*Exptochiomera oblonga* (Hemiptera)  
*Fulvius quadrastellatus* (Hemiptera)  
*Furcaspis biflorus* (Homoptera)  
*Geonethus nigrocinclus* (Hemiptera)  
*Halisidota inexpectata* (Lepidoptera)  
*Hercinotrips errans* (Thysanoptera)  
*Hercinotrips femoralis* (Thysanoptera)  
*Iridomyrmex iniquus nigella* (Hymenoptera)  
*Iridomyrmex melleus* (Hymenoptera)  
*Iridomyrmex melleus* var. (Hymenoptera)  
*Lecaniodiaspis dendrobii* (Homoptera)  
*Lepidosaphes tuberculata* (Homoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Ligyrocoris nitidicollis* (Hemiptera)  
*Mordellistena cattleyana* (Coleoptera)  
*Mordellistena chapini* (Coleoptera)  
*Mormidea collaris* (Hemiptera)  
*Myochrous denticollis* (Coleoptera)  
*Nasutitermes corniger* (Isoptera)  
*Orchidophilus aterrimus* (Coleoptera)  
*Ozophora gracilipes* (Hemiptera)  
*Paragonalus divergens* (Hemiptera)  
*Parallolodiplosis cattleyae* (Diptera)  
*Parlatoria pseudaspidiotus* (Homoptera)  
*Pinnaspis townsendi* (Homoptera)  
*Plagiolera thymaloides* (Coleoptera)  
*Pseudodiaspis alienus* (Homoptera)  
*Pseudodiaspis bourei* (Homoptera)  
*Pseudococcus lilacinus* (Homoptera)  
*Pseudococcus nipae* (Homoptera)  
*Pulvinaria floccifera* (Homoptera)  
*Puto mexicanus* (Homoptera)  
*Taeniothrips simplex* (Thysanoptera)  
*Tenthoris bicolor* (Hemiptera)  
*Vinsonia stellifera* (Homoptera)  
*Xestocoris collinus* (Hemiptera)  
*Xyleborus monigerus* (Coleoptera)
- ORNITHOGALUM:  
*Frankliniella schultzei* (Thysanoptera)  
*Taeniothrips fumosa* (Thysanoptera)
- ORYZA:  
*Chilo simplex* (Lepidoptera)  
*Corcyra cephalonica* (Lepidoptera)  
*Schoenobius bipunctiferus* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)
- PACHYCEREUS—See Cactaceae
- PANAX:  
*Pseudonidia tessarata* (Homoptera)
- PELAGONIUM:  
*Phenacoccus gossypii* (Homoptera)
- PENTAS:  
*Frankliniella insularis* (Thysanoptera)
- PERSEA:  
*Anastrepha ludens* (Diptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus howardi* (Homoptera)  
*Aspidiotus spinosus* (Homoptera)  
*Conotrachelus aguacatae* (Coleoptera)  
*Helipius lauri* (Coleoptera)
- PETROSELINUM:  
*Draculacephala minerva* (Hemiptera)  
*Geocoris sonoraensis* (Hemiptera)  
*Lygus elisus* (Hemiptera)
- PHALAENOPSIS—See Orchidaceae
- PHASEOLUS ANGULARIS:  
*Callosobruchus chinensis* (Coleoptera)
- PHASEOLUS AUREUS:  
*Callosobruchus analis* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)
- PHASEOLUS LUNATUS MACROCARPUS:  
*Zabrotes subfasciatus* (Coleoptera)
- PHASEOLUS RADIATUS:  
*Callosobruchus chinensis* (Coleoptera)
- PHASEOLUS VULGARIS:  
*Zabrotes subfasciatus* (Coleoptera)
- PHASEOLUS SP. (string bean):  
*Callosobruchus analis* (Coleoptera)  
*Dacus cucurbitae* (Diptera)  
*Delphacodes campestris* (Hemiptera)  
*Epilachna varivestis* (Coleoptera)  
*Epinotia opposita* (Lepidoptera)  
*Ectianus obscurinervis* (Hemiptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Keiferia lycopersicella* (Lepidoptera)  
*Ligyrocoris rubricatus* (Hemiptera)  
*Marcia testulalis* (Lepidoptera)  
*Ozophora pallidescens* (Hemiptera)  
*Sternocorus paludatus* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)
- PHOENIX:  
*Coccotrypes dactyliperda* (Coleoptera)
- PHYLLOSTACHYS:  
*Aphis bambusae* (Homoptera)  
*Kuwanaspis pseudoleucaspis* (Homoptera)  
*Kuwanaspis vermiformis* (Homoptera)
- PHYSALIS:  
*Gnorimoschea laetevirens* (Lepidoptera)
- PHYTELAPHAS:  
*Coccotrypes dactyliperda* (Coleoptera)
- PINUS:  
*Gastrodus pacificus* (Hemiptera)  
*Matsucoccus matsumurae* (Homoptera)  
*Oryctes juncunda* (Coleoptera)  
*Paronius longulus* (Hemiptera)
- PISTACIA:  
*Eurytoma pistaciae* (Hymenoptera)
- PISUM:  
*Conotrachelus seniculus* (Coleoptera)  
*Cosmolyce boticulus* (Lepidoptera)  
*Draculacephala minerva* (Hemiptera)  
*Prairiana sidana* (Hemiptera)
- PITHECOLOBIUM:  
*Acanthoscelides flicaulis* (Coleoptera)
- PITTOSPORUM:  
*Pulvinaria psidii* (Homoptera)
- PLATANUS:  
*Chionaspis platanii* (Homoptera)
- PLUMERIA:  
*Coccus viridis* (Homoptera)
- PODALYRIA:  
*Bruchidius versicolor* (Coleoptera)
- POLIANTHES:  
*Frankliniella fortissima* (Thysanoptera)  
*Taeniothrips simplex* (Thysanoptera)
- PORTULACA:  
*Erynephala puncticollis* (Coleoptera)  
*Eumecurus nubilus* (Diptera)  
*Exptochiomera arizonensis* (Hemiptera)  
*Ligyrocoris nitidulus* (Hemiptera)  
*Nysius minutus* (Hemiptera)
- PROSOPIS:  
*Anoplium truncatum* (Coleoptera)  
*Apatides fortis* (Coleoptera)  
*Colecerus marmoratus* (Coleoptera)  
*Kaloterms marginipennis* (Isoptera)

## Hosts and insects—Continued

## PROSOPIS—Continued.

- Laspeyresia membra* (Lepidoptera)
- Neuroctenus simplex* (Hemiptera)
- Rhipibruchus picturatus* (Coleoptera)
- Romaleum rufulum* (Coleoptera)

## PRUNUS DOMESTICA:

- Anthonomus scutellaris* (Coleoptera)
- Parlatoria oleae* (Homoptera)

## PRUNUS SP. (cherry):

- Lecanium coryli* (Homoptera)

## PRUNUS SP.:

- Parlatoria oleae* (Homoptera)
- Parlatoria theae* (Homoptera)

## PSIDIUM:

- Anastrepha mombinpraeoptans* (Diptera)
- Anastrepha suspensa* (Diptera)

## PTYCHOSPERMA:

- Coccotrypes rolliniae* (Coleoptera)

## PUERARIA:

- Callosobruchus ademptus* (Coleoptera)

## PUNICA:

- Colaspis viriditincta* (Coleoptera)

## PYROLA:

- Aleuroplatus myricae* (Homoptera)

## PYRUS:

- Ceratitis capitata* (Diptera)
- Epidiaspis piricola* (Homoptera)
- Lepidosaphes conchiformis* (Homoptera)

## RAPHANUS:

- Draeculacephala minerva* (Hemiptera)
- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Macrosteles divinus* (Hemiptera)
- Nabis alternatus* (Hemiptera)
- Phyllotreta pusilla* (Coleoptera)
- Phyllotreta vittata discendens* (Coleoptera)

## RHODODENDRON:

- Amphorophora rhododendri* (Homoptera)
- Dialeurodes chittendeni* (Homoptera)
- Pseudoaonidia duplex* (Homoptera)

## RIBES:

- Parlatoria oleae* (Homoptera)

## ROSA:

- Allocoris incognita* (Hemiptera)
- Ezptochiamera minima* (Hemiptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella cubensis* (Thysanoptera)
- Frankliniella difficilis* (Thysanoptera)
- Frankliniella fortissima* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips simplex* (Thysanoptera)
- Teleonemia scrupulosa* (Hemiptera)

## ROYSTONEA:

- Aspidiotus aestructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)

## SACCHARUM:

- Chilo loftini* (Lepidoptera)
- Draeculacephala minerva* (Hemiptera)
- Pseudococcus boninensis* (Homoptera)
- Targionia sacchari* (Homoptera)
- Trionymus sacchari* (Homoptera)

## SALIX:

- Agromyza salicis* (Diptera)
- Chalcolepidius webbi* (Coleoptera)
- Gypona delta* (Hemiptera)

## SAMANEA:

- Anysipyla univittella* (Lepidoptera)

## SAMBUCUS:

- Amphicercus cornutus* (Coleoptera)
- Micrapate scapularis* (Coleoptera)

## SAPOTE:

- Anastrepha serpentina* (Diptera)

## SCHIZOSTACHYUM:

- Formosaspis nigra* (Homoptera)

## SCHOMBURGKIA—See Orchidaceae

## SEMIARUNDINARIA:

- Kuwanaspis pseudoleucaspis* (Homoptera)

## SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

## SESBANIA:

- Eudagogus pulcher* (Coleoptera)

## SINOAMBUSA:

- Antonina crawi* (Homoptera)
- Kuwanaspis pseudoleucaspis* (Homoptera)
- Kuwanaspis vermiformis* (Homoptera)

## SOIL:

- Atenius cribrithorax* (Coleoptera)

## SOLANUM MELONGENA:

- Anthonomus varipes* (Coleoptera)
- Metamasium sericeus* (Coleoptera)
- Pachyzancla periusalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Coleoptera)

## SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
- Gnorimoschema plasirosema* (Lepidoptera)
- Lygaeus lateralis* (Hemiptera)

## SPINACIA:

- Aphalaroida inermis* (Hemiptera)
- Creoniliades rubrinervis* (Hemiptera)
- Draeculacephala minerva* (Hemiptera)
- Empoasca abrupta* (Hemiptera)
- Empoasca solana* (Hemiptera)
- Ligus distinctus* (Hemiptera)
- Nysius monticola* (Hemiptera)
- Phyllotreta pusilla* (Coleoptera)

## SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
- Aspidiotus diffinis* (Homoptera)

## STYRAX:

- Pseudoaonidia duplex* (Homoptera)

## SWIETENIA:

- Aulonium bidentatum* (Coleoptera)
- Coccus viridis* (Homoptera)
- Xyleborus propinquus* (Coleoptera)

## TABERBUA:

- Acanthoderes circumflera* (Coleoptera)
- Aulonium bidentatum* (Coleoptera)
- Brentus anchorago* (Coleoptera)
- Brentus mexicanus* (Coleoptera)
- Cossonus canaliculatus* (Coleoptera)
- Dactylosternum subdepressum* (Coleoptera)
- Laemophloeus suturalis* (Coleoptera)
- Nasutitermes cornigera* (Isoptera)
- Nemocephalus guatemalensis* (Coleoptera)
- Parandra polita* (Coleoptera)
- Platypus exaratus* (Coleoptera)
- Platypus poriferus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Tesserocerus dejeani* (Coleoptera)
- Xyleborus affinis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus fuscatus* (Coleoptera)
- Xyleborus mazer* (Coleoptera)

## TAGETES:

- Haplothrips gowdeyi* (Thysanoptera)
- Tabrotes subfasciatus* (Coleoptera)

## TAMARINDUS:

- Caryedon fuscus* (Coleoptera)
- Eucnecerus anthrenoides* (Coleoptera)
- Nyssodryus haldemani* (Coleoptera)

## TERMINALIA:

- Aspidiotus destructor* (Homoptera)
- Asterolecanium pustulans* (Homoptera)

## THEOBROMA:

- Xyleborus affinis* (Coleoptera)

## THUJA:

- Cimara tujafilina* (Homoptera)

## TIGRIDIA:

- Anuraphis tulipae* (Homoptera)

## TRICHOPILOIA—See Orchidaceae

## TRICOGLOTIS—See Orchidaceae

## TRISTANIA:

- Phenacaspis eugeniae* (Homoptera)

## TRITICUM:

- Corcyra cephalonica* (Lepidoptera)

## TSUGA:

- Aspidiotus tsugae* (Homoptera)

## TULIPA:

- Anuraphis tulipae* (Homoptera)
- Rhopalosiphoninus tulipaellus* (Homoptera)

## ULMUS:

- Clytus aridis* (Coleoptera)
- Pteleobius vittatus* (Coleoptera)
- Scolytus multistriatus* (Coleoptera)
- Scolytus scolytus* (Coleoptera)

## VANDA—See Orchidaceae

## VERBENA:

- Phenacoccus gossypii* (Homoptera)

## VICIA:

- Apion pomonae* (Coleoptera)
- Bruchidius incarnatus* (Coleoptera)
- Bruchus dentipes* (Coleoptera)
- Bruchus luteicornis* (Coleoptera)
- Bruchus rufipes* (Coleoptera)
- Euspermophagus cardui* (Coleoptera)



*Hosts and insects—Continued*

## VIGNA:

- Bruchus ramicornis* (Coleoptera)  
*Callosobruchus analis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## VIOLA:

- Frankliniella fortissima* (Thysanoptera)

## VITIS:

- Aonidiella comperei* (Homoptera)  
*Ceratitis capitata* (Diptera)  
*Corizus pictipes* (Hemiptera)  
*Geonethus nigrocinctus* (Hemiptera)  
*Listroderes obliquus* (Coleoptera)  
*Pantomerus xanthographus* (Coleoptera)  
*Pseudaonidia tessarata* (Homoptera)

## VRIESIA:

- Chrysomphalus personatus* (Homoptera)

## WISTERIA:

- Chionaspis wisteriae* (Homoptera)  
*Phenacaspis fujicola* (Homoptera)

## YUCCA:

- Ephesic rileyella* (Lepidoptera)

## ZEA:

- Ataenius abditus* (Coleoptera)  
*Baldulus midis* (Hemiptera)  
*Celama sorghella* (Lepidoptera)  
*Ceratocapsus fuscicornatus* (Hemiptera)  
*Conotrachelus seniculus* (Coleoptera)

## ZEA—Continued.

- Eumecosomyia nubila* (Diptera)  
*Euphoria leucographa* (Coleoptera)  
*Euxesta annonae* (Diptera)  
*Euxesta sororcula* (Diptera)  
*Euxesta stigmatias* (Diptera)  
*Frankliniella williamsi* (Thysanoptera)  
*Ligyrocoris nitidulus* (Hemiptera)  
*Lophocateres pusillus* (Coleoptera)  
*Lygus elisus* (Hemiptera)  
*Micrapate scapularis* (Coleoptera)  
*Moodna bisinuella* (Lepidoptera)  
*Nysius minutus* (Hemiptera)  
*Oedionychis durangoensis* (Coleoptera)  
*Pagiocherus rimosus* (Coleoptera)  
*Pyrausta nubilalis* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## ZINGIBER:

- Caulophilus latinasus* (Coleoptera)  
*Targionia hartii* (Homoptera)

## ZINNIA:

- Anacentrinus deplanatus* (Coleoptera)  
*Corythucha morrilli* (Hemiptera)  
*Gypsona angulata* (Hemiptera)  
*Haplothrips gowdeyi* (Thysanoptera)  
*Nesosteles neglectus* (Hemiptera)  
*Phenacoccus gossypii* (Homoptera)  
*Pronotacantha annulata* (Hemiptera)  
*Zabrotes subfasciatus* (Coleoptera)

*Hosts unknown*

## FLOWERS:

- Conotrachelus flavangulus* (Coleoptera)  
*Forficula auricularia* (Orthoptera)  
*Glyptina nivalis* (Lepidoptera)  
*Lygaeus circumlitus* (Hemiptera)  
*Nysius callifer* (Hemiptera)

## HERB:

- Ptychopoda bonifata* (Lepidoptera)

## HOOPS:

- Gracilia minuta* (Coleoptera)

## IN AUTOMOBILE:

- Callirhinus metallescens* (Coleoptera)

## IN BAG OF GUAVAS AND GENIPS:

- Anastrepha suspensa* (Diptera)

## IN BOX OF GRAPES:

- Listroderes obliquus* (Coleoptera)

## LEAF:

- Chrysomphalus perseae* (Homoptera)  
*Lichtensia lutea* (Homoptera)

## MOSS PACKING:

- Scolopostethus decoratus* (Hemiptera)

## ON PACKING CASE:

- Callidium rufipenne* (Coleoptera)

## ON SACK OF BRAN:

- Lygaeus viltiscutis* (Hemiptera)

## PALM:

- Aspidiotus destructor* (Homoptera)  
*Pinnaspis buri* (Homoptera)

## REED:

- Amphicerus cornutus* (Coleoptera)

## ROOT:

- Brachyrhinus rugosostriatus* (Coleoptera)

## SEED:

- Bruchus hamatus* (Coleoptera)

## VEGETABLES:

- Ataria hubbardi* (Coleoptera)

## WICKER HAMPER:

- Nicobium castaneum* (Coleoptera)  
*Nicobium hirtum* (Coleoptera)

## WILD GRASS:

- Odonaspis graminis* (Homoptera)

## WOOD:

- Heterobostrychus aequalis* (Coleoptera)  
*Kaloterms picealis* (Isoptera)  
*Micrapate dinoderoides* (Coleoptera)  
*Micrapate scapularis* (Coleoptera)  
*Penicbroa fasciata* (Coleoptera)  
*Renocis mexicanus* (Coleoptera)  
*Sinozyton anale* (Coleoptera)  
*Sinozyton conigerum* (Coleoptera)  
*Xylotrips flavipes* (Coleoptera)

*Country of origin and insects*

## AMERICAN VIRGIN ISLANDS:

- Anastrepha mombinpraeoptans*  
*Eusecepe postfasciatus*  
*Targionia hartii*  
*Trionymus sacchari*

## ANGOLA:

- Stephanoderes hampei*

## ARGENTINA:

- Anastrepha fraterculus*  
*Aplon pomonae*  
*Corizus pictipes*  
*Euxesta notata*  
*Geonethus nigrocinctus*  
*Listroderes obliquus*  
*Pantomerus xanthographus*  
*Parlatoria cinerea*  
*Parlatoria oleae*  
*Pectinophora gossypiella*

## AUSTRALIA:

- Brontes australis*  
*Chrysomphalus rossi*  
*Phenacaspis eugeniae*  
*Pinnaspis townsendi*  
*Platypus australis*  
*Xyleborus monigerus*

## AZORES:

- Ceratitis capitata*  
*Targionia bromeliae*

## BAHAMAS:

- Aleurocanthus woglumi*  
*Artipus floridanus*  
*Aspidiotus destructor*  
*Asterolecanium pustulans*  
*Coccus viridis*  
*Conotrachelus nenuphar*  
*Cylas formicarius*  
*Dialeurodes citri*  
*Frankliniella cubensis*  
*Frankliniella difficilis*  
*Frankliniella insularis*  
*Haplothrips gowaei*  
*Morganella longispina*  
*Pectinophora gossypiella*  
*Pseudococcus boninis*  
*Ptinus huesanus*  
*Pulvinaria psidii*  
*Targionia sacchari*

## BARBADOS:

- Setomorpha insectella*  
*Targionia hartii*

## Country of origin and insects—Continued

## BELGIUM:

*Lepidosaphes tuberculata*

## BERMUDA:

*Haplothrips gowdeyi*  
*Phenacoccus gossypii*  
*Pseudococcus boninensis*

## BRAZIL:

*Aonidiella eugeniae*  
*Aspidiotus spinosus*  
*Asterolecanium aureum*  
*Bruchus ramicornis*  
*Callosobruchus maculatus*  
*Ceratitis capitata*  
*Chrysomphalus personatus*  
*Coreyra cephalonica*  
*Euryctipia vestitus*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Frankliniella insularis*  
*Fulvius quadristillatus*  
*Gymnaspiis aechmeae*  
*Inglisia vitrea*  
*Maruca testulalis*  
*Mordellistena cattleyana*  
*Morganella longispina*  
*Pachymerus olearius*  
*Parlatoria cinerea*  
*Pectinophora gossypiella*  
*Phelomerus aberrans*  
*Pseudonidia trilobitiformis*  
*Stephanoderes buscki*  
*Targionia bromeliae*  
*Tenthecoris bicolor*  
*Xyleborus affinis*  
*Zabrotes subfasciatus*

## BRITISH COLUMBIA:

*Forficula auricularia*

## BRITISH EAST AFRICA:

*Stephanoderes hampei*

## BRITISH HONDURAS:

*Vinsonia stellifera*

## CANADA:

*Agromyza salicis*  
*Aleuroplatus myricae*  
*Aleyrodes spiracoides*  
*Amphorophora rhododendri*  
*Anuraphis tulipae*  
*Brachyrhinus ovatus*  
*Brachyrhinus rugosestriatus*  
*Chermes nusslii*  
*Gastrodes pacificus*  
*Lecanium coryli*  
*Liosomaphis berberidis*  
*Rhopalosiphoninus tulipaellus*  
*Sitona lineata*  
*Taeniothrips atratus*  
*Thrips nigropilosus*

## CANAL ZONE:

*Asterolecanium aureum*  
*Furcaspiis biformis*  
*Haplothrips gowdeyi*  
*Neoclytus cacticus*  
*Phelomerus aberrans*  
*Pseudonidia clavigera*  
*Pseudischinaspiis alienus*  
*Trionymus sacchari*  
*Vinsonia stellifera*  
*Xyleborus fuscatus*

## CANARY ISLANDS:

*Ceratitis capitata*

## CHILE:

*Endrosis lacteella*  
*Listroderes obliquus*  
*Nabis punctipennis*  
*Pseudococcus gahani*

## CHINA:

*Antonina crawi*  
*Antonina tobai*  
*Aphis bambusae*  
*Asterolecanium bambusicola*  
*Callosobruchus analis*  
*Callosobruchus chinensis*  
*Caulophylus latinasus*  
*Chaetococcus bambusae*  
*Chilo simplex*  
*Chionaspis elongata*  
*Cylas formicarius*  
*Endrosis lacteella*  
*Florinia nepheli*  
*Formosaspis formosanus*

## CHINA—Continued.

*Formosaspis nigra*  
*Kuwanaspiis pseudolucaspis*  
*Kuwanaspiis vermiformis*  
*Odonaspis greeni*  
*Odonaspis penicillata*  
*Parlatoria siziphus*  
*Schoenobius bipunctiferus*

## CHOSEN:

*Callosobruchus ademptus*  
*Lepidosaphes pallida*

## COLOMBIA:

*Acanthoscelides dominicanus*  
*Anastrepha serpentina*  
*Asterolecanium aureum*  
*Chrysomphalus perseae*  
*Clerada apicicornis*  
*Eucalandra setulosa*  
*Euryctipia vestitus*  
*Eurytoma orchidearum*  
*Fulvius quadristillatus*  
*Furcaspiis biformis*  
*Geonethus nigrocinctus*  
*Halisidota inexpectata*  
*Iridomyrmex iniquus nigella*  
*Lepidosaphes lasianthi*  
*Metamasius sericeus*  
*Mordellistena cattleyana*  
*Mordellistena chapini*  
*Myochrous denticollis*  
*Nasutitermes cornigera*  
*Paragonatus divergens*  
*Tenthecoris bicolor*  
*Xyleborus propinquus*

## COSTA RICA:

*Asterolecanium aureum*  
*Eurytoma orchidearum*  
*Pseudischinaspiis alienus*  
*Pseudococcus nippae*  
*Pulvinaria floccifera*

## CUBA:

*Aleurocanthus woglumi*  
*Aleurothrixus howardi*  
*Anastrepha momi in praeoptans*  
*Anastrepha suspensa*  
*Anthonomus varipes*  
*Aspidiotus destructor*  
*Aspidiotus spinosus*  
*Asterolecanium aureum*  
*Asterolecanium bambusae*  
*Asterolecanium miliaris*  
*Asterolecanium pustulans*  
*Ataenius cribrithorax*  
*Ceratocapsus cubanus*  
*Chrysomphalus biformis*  
*Clerada apicicornis*  
*Coccotrypes rolliniae*  
*Coccus viridis*  
*Conoderus bifoveatus*  
*Cylas formicarius*  
*Cymonius notabilis*  
*Cyrtopeltis tenuis*  
*Dialeurodes citrifolii*  
*Eumecosomyia nubila*  
*Faustinus cubae*  
*Frankliniella cubensis*  
*Frankliniella difficilis*  
*Frankliniella insularis*  
*Gnorimoschema gudmannella*  
*Gynaikothrips uzeli*  
*Haplothrips gowdeyi*  
*Hellula phidilealis*  
*Iridomyrmex humilis*  
*Iridomyrmex pruinosus*  
*Keiferia lycopersicella*  
*Lepidosaphes camelliae*  
*Leucaspis indica*  
*Leucoptera coffeella*  
*Ligyrocoris litigious*  
*Liriomyza flarea*  
*Metamasius sericeus*  
*Onthophagus marginatus*  
*Orthaea scutellata*  
*Ozophora burmeisteri*  
*Ozophora pallescens*  
*Pachyzancla perusalis*  
*Pectinophora gossypiella*  
*Phyllotreta vittata discedens*  
*Pinnaspis minor strachani*  
*Platynota rostrana*

## Country of origin and insects—Continued

## CUBA—Continued.

*Pseudischiaspis alienus*  
*Pseudococcus boninsis*  
*Puleinaria psidii*  
*Pyropus sapphirinus*  
*Ribua innoxia*  
*Stictocaphala rotundata*  
*Systema basalis*  
*Taeniothrips simplex*  
*Targionia bromeliae*  
*Targionia hartii*  
*Targionia sacchari*  
*Trionymus sacchari*  
*Zabrotes subfasciatus*

## DOMINICA:

## DOMINICAN REPUBLIC:

*Anastrepha mombinpraeoptans*  
*Conchaspis anaraeci*  
*Cylas formicarius*  
*Frankliniella insularis*  
*Haplothrips gowdeyi*  
*Stephanoderes guatemalensis*  
*Vinsonia stellifera*

## DUTCH EAST INDIES:

*Dinoderus bifoveolatus*  
*Heterobostrychus aequalis*  
*Laemotmetus rhizophagoides*  
*Myocalandra discors*

## ECUADOR:

*Anyspipyra univittella*  
*Coccotrypes dactyliperda*  
*Metamasius sericeus*

## EGYPT:

*Bruchidius incarnatus*

## ENGLAND:

*Anaphothrips orchidaceus*  
*Anuraphis tulipae*  
*Aspidiotus destructor*  
*Barathra brassicae*  
*Bruchus affinis*  
*Ceutorhynchus pleurostigma*  
*Clytus arietis*  
*Dialeurodes chittendeni*  
*Gracilia minuta*  
*Hercinotrips errans*  
*Hercinotrips femoralis*  
*Leperisinus fraxini*  
*Lepidosaphes tuberculata*  
*Limothrips denticornis*  
*Liothrips vaneeckei*  
*Philophylla heraclei*  
*Phyllotreta atra*  
*Pionea forficalis*  
*Psylliodes chrysocephala*  
*Pteleobius vittatus*  
*Ptinus tectus*  
*Pulvinaria floccifera*  
*Rhopalosiphoninus tulipaellus*  
*Scolopostethus decoratus*  
*Scolytus multistriatus*  
*Scolytus scolytus*  
*Spragueia leo*

## ETHIOPIA:

*Stephanoderes hampei*

## EUROPE:

*Haplothrips cotti*  
*Taeniothrips dianthi*

## FIJI ISLANDS:

*Aspidiotus destructor*

## FRANCE:

*Bruchus luteicornis*  
*Bruchus rufipes*  
*Iridomyrmex melleus*  
*Iridomyrmex melleus* var.

## FRENCH INDO-CHINA:

*Sinozylon anale*  
*Sinozylon conigerum*

## GOLD COAST:

*Cylas puncticollis*

## GREECE:

*Aonidia lauri*  
*Bruchus rufipes*

## GUADELOUPE:

*Palaeopus costicollis*

## GUATEMALA:

*Acanthoderes circumflexa*  
*Anaphothrips orchidaceus*  
*Asterolecanium miliaris longum*  
*Aulonium bidantatum*  
*Brentus anchorago*

## GUATEMALA—Continued.

*Brentus mexicanus*  
*Calymmus aciculatus*  
*Conchaspis agraei*  
*Cossonus canaliculatus*  
*Dactylosternum subdepressum*  
*Eurycypita vestitus*  
*Eurytoma orchidearum*  
*Frankliniella fortissima*  
*Furcaspis biformis*  
*Laemophloeus iteratus*  
*Laemophloeus suturalis*  
*Metamasius sericeus carbonarius*  
*Nasutitermes cornigera*  
*Nemocephalus guatemalensis*  
*Neoclytus cacticus*  
*Parandra polita*  
*Platypus exaratus*  
*Platypus poriferus*  
*Platypus rugulosus*  
*Pseudischiaspis alienus*  
*Pseudischiaspis boureyi*  
*Targionia sacchari*  
*Tenthecoris bicolor*  
*Tesserocerus dejeani*  
*Xestocoris collinus*  
*Xyleborus affinis*  
*Xyleborus confusus*  
*Xyleborus macer*  
*Xyleborus propinquus*

## HAITI:

*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Aonidiella comperei*  
*Asterolecanium aureum*  
*Maruca testulalis*  
*Pseudaonidia tesserata*

## HAWAII:

*Aonidiella inornata*  
*Asterolecanium pustulans*  
*Caryedon fuscus*  
*Ceratitis capitata*  
*Ceroplastes rubens*  
*Coccus viridis*  
*Cosmolyce botticus*  
*Cylas formicarius*  
*Dacus cucurbitae*  
*Eusecepes postfasciatus*  
*Furcaspis biformis*  
*Kaloterms piceatus*  
*Maruca testulalis*  
*Parlatoria crotonis*  
*Pealius hibisci*  
*Pectinophora gossypiella*  
*Phenacaspis eugeniae*  
*Pseudaonidia clavigera*  
*Pseudaonidia tesserata*  
*Sternonchetus mangiferae*

## HONDURAS:

*Aspidiotus palmae*  
*Aspidiotus spinosus*  
*Aulonium bidantatum*  
*Brentus mexicanus*  
*Coccus viridis*  
*Dactylosternum abdominale*  
*Hyppisylla grandella*  
*Metamasius sericeus*  
*Neoclytus cacticus*  
*Phormesium virgulatum*  
*Tetrapriocera longicornis*  
*Xanthophthalma concinnum*  
*Xyleborus affinis*  
*Xyleborus fusatus*  
*Xyleborus propinquus*  
*Zabrotes subfasciatus*

## HUNGARY:

*Euspermophagus cardui*

## INDIA:

*Callosobruchus chinensis*  
*Cylas formicarius*  
*Heterobostrychus aequalis*  
*Sinozylon anale*

## IRAN:

*Apion longirostre*  
*Bruchus dentipes*  
*Bruchus dentipes ochraceosignatus*  
*Bruchus hamatus*  
*Bruchus lentis*  
*Callosobruchus analis*  
*Callosobruchus maculatus*



## Country of origin and insects—Continued

## IRELAND:

*Endrosis lacteella*

## ITALY:

*Aonidia lauri**Brachyrhinus armadillo**Epidiaspis piricola**Parlatoria oleae*

## JAMAICA:

*Anastrepha mombinpraeoptans**Cylas formicarius**Cyrtopeltis tenuis**Euscepes postfasciatus**Haplothrips gowdeyi**Leucaspis cockerelli**Palaeopus costicollis**Parlatoria pseudaspidotus**Strategus simson**Vinsonia stellifera*

## JAPAN:

*Antonina crawii**Aspidiotus degeneratus**Aspidiotus destructor**Aspidiotus tsugae**Callidium rufipenne**Callosobruchus ademptus**Callosobruchus analis**Callosobruchus chinensis**Ceroplastes ceriferus**Ceroplastes floridensis**Ceroplastes rubens**Chilo simplex**Chionaspis wistariae**Chionaspis yanoneensis**Chrysomphalus bifasciculatus**Cinara tujafilina**Coreyra cephalonica**Cosmolyce boeticus**Echinocnemus bipunctatus**Gracilaria azalea**Grapholitha molesta**Hellula undalis**Hercinothrips femoralis**Homone menciara**Laspeyresia splendana**Lepidosaphes camelliae**Lepidosaphes conchiformis**Lepidosaphes tuberculata**Liothrips vaneckei**Matsucoccus matsumurae**Nemapogon granella**Neolecanium cornupartum**Nysius expressus**Orchidophilus aterrimus**Oryctestonia jucunda**Parlatoria camelliae**Parlatoria pseudaspidotus**Parlatoria theae**Phaedon incertum**Phenacaspis fujicola**Pinnaspis buri**Pseudonidia duplex**Pseudonidia paeoniae**Pulvinaria floccifera**Pyrausta nubilalis**Stephanitis pyrioides**Taeniothrips gracilis**Taeniothrips xanthius*

## JAVA:

*Heterobostrychus aequalis**Laemotmetus rhizophagoides**Lycotrylon japonum**Parlatoria ziziphus**Xylotrips flavipes*

## MADEIRA ISLANDS:

*Anaphothrips orchidi*

## MALAYA (British):

*Sinorylon anale*

## MEXICO:

*Acanthoscelides flexicaulis**Acanthoscelides sallaei**Acroleucus tullus**Acroleucus ricinalis**Aeolus dorsalis**Allocoris incognita**Alpheias conspirata**Amorbia emigratella**Amplicerus cornutus**Anacentrinus deplanatus**Anastrepha ludens**Anastrepha serpentina*

## MEXICO—Continued.

*Anoplium truncatum**Anthonomus scutellaris**Apatides fortis**Aphalaroida inermis**Aspidiotus destructor**Aspidiotus diffinis**Aspidiotus howardi**Asterolecanium aureum**Ataenius abditus**Ataria hubbardi**Atheos fuscipes**Aufeius impressicollis**Baldulus elmatius**Baldulus maidis**Brentus mexicanus**Brochymena sulcata**Cacoscolis scriptipennis**Callirhinus metallescens**Callosobruchus maculatus**Calymaderus oblongus**Catorhintha guttula**Caulophilus latinasus**Caulotops agavis**Celama sorghiella**Centrinaspis picumnus**Ceratocapsus fuscognatus**Ceratocapsus punctulatus**Ceratops bisignatus**Ceroplastes floridensis**Chaetopsis fulvifrons**Chalcolepidius webbi**Chelinidea canyon**Chelinidea vittiger aequoris**Chilo loftini**Chionaspis platani**Chrysomphalus personatus**Coccotrypes dactyloperda**Colaspis viriditincta**Colecerus marmoratus**Conotrachelus aguacatae**Conotrachelus flavangulus**Conotrachelus leucophaeus**Conotrachelus seniculus**Corizus punctatus**Corythucha morrilli**Cossonus canaliculatus**Cossonus exaratus**Creontiades rubrinervis**Crociosema plebeiana**Cylas formicarius**Cyrtopeltis varians**Dactylosternum abdominale**Deloyala guttata**Deloyala lecontei**Delphacodes campestris**Delphacodes koebele**Dialeurodes citri**Dikraneura kunzei**Draeculacephala balli**Draeculacephala minerva**Draeculacephala portola**Drasterius cribratus**Empoasca abrupta**Empoasca fabae**Empoasca phaseola**Empoasca solana**Entylia sinuata**Ephestia rileyella**Epicaerus cognatus**Epicauta pardalis**Epilachna varivestis**Epinotia opposita**Erynephala puncticollis**Eucnoerus anthrenoides**Eudiazonius pulcher**Eumecosomyia nubila**Euphalerus nidifer**Euphoria leucographa**Euphydryx parvicollis**Eurycifitia testatus**Euryophthalmus bipustulatus**Euresta annonae**Euresta sororecula**Euresta stigmatias**Exitianus obscurinervis**Exptochiomera arizonensis**Exptochiomera fuscicornis**Exptochiomera minima**Exptochiomera oblonga*

## Country of origin and insects—Continued

## MEXICO—Continued.

*Feltia subterranea*  
*Forsebia perlaeta*  
*Frankliniella cephalica*  
*Frankliniella fortissima*  
*Frankliniella williamsi*  
*Geocnethus semilevis*  
*Geocoris sonoriensis*  
*Glyptina atriventris*  
*Glyptina nivalis*  
*Gnathotrichus consentaneus*  
*Gnathotrichus denticulatus*  
*Gnorimoschema gudmannella*  
*Gnorimoschema lavernella*  
*Gypsona angulata*  
*Gypsona delta*  
*Haplothrips gordeyi*  
*Helipus lauri*  
*Helichus productus*  
*Hellula phialealis*  
*Hellula undalis*  
*Homalotisca trigueta*  
*Hyalopterus atriplicis*  
*Hyphantria testor*  
*Hysselonotus sulvus*  
*Kaloterms marciinipennis*  
*Kaloterms minor*  
*Keiferia lycopersicella*  
*Laspeyresia membrana*  
*Lepidosaphes camelliae*  
*Lepidosaphes philococcus*  
*Leucopoeila albofasciata*  
*Lichtenstia lutea*  
*Ligyrocoris abdominalis*  
*Ligyrocoris aurivilliana*  
*Ligyrocoris litigiosus*  
*Ligyrocoris nitidicollis*  
*Ligyrocoris nitidulus*  
*Ligyrocoris rubricatus*  
*Ligyrocoris setosus*  
*Lineodes integra*  
*Liriomyza flaveola*  
*Lophocateres pusillus*  
*Lorila abornana chatka*  
*Lygaeus circumlitus*  
*Lygaeus lateralis*  
*Lygaeus rittiscutis*  
*Lygus championi*  
*Lygus distinctus*  
*Lygus elisus*  
*Lygus hesperius*  
*Lygus sallei*  
*Macrosteles divinus*  
*Mettriona cratica*  
*Mettriona profligata*  
*Micrapate dinoderoides*  
*Micrapate scapularis*  
*Moodna bisinuella*  
*Mormidea collaris*  
*Mozena lunata*  
*Nabis alternata*  
*Naucles pusio*  
*Nesoteles neglectus*  
*Neuroctenus simplex*  
*Nysius minutus*  
*Nysius monticola*  
*Nyssodrys haldemani*  
*Odonaspis graminis*  
*Oedionychis durangoensis*  
*Ollarianus strictus*  
*Onychobaris ambigua*  
*Opsius stactogalus*  
*Orthaea scutellata*  
*Parallelopiplosis cattleyae*  
*Parlatoria cinerea*  
*Paromius longulus*  
*Pectinophora gossypiella*  
*Phenacoccus gossypii*  
*Phlepsius distinctus*  
*Phyllotreta pusilla*  
*Placosternus crinicornis*  
*Plagioderia thymaloides*  
*Platynota stultana*  
*Podisus acutissimus*  
*Podisus rubromaculatus*  
*Polymerus basalis*  
*Prairiana sidana*  
*Pronotacanthi annulata*  
*Protopulvinaria pyrifomis*  
*Pseudischinaspis alienus*

## MEXICO—Continued.

*Pseudococcus boninis*  
*Pseudodiaspis yuccae*  
*Ptychopoda bonifata*  
*Puto mexicanus*  
*Puto yuccae*  
*Renocis mexicanus*  
*Rhagoletis pomonella*  
*Rhynchites mexicanus*  
*Romaleum rufulum*  
*Selomorpha insectella*  
*Sisamnes contractus*  
*Sizeonotus areolatus*  
*Sternecus paludatus*  
*Taeniothrips simplex*  
*Teleonemia nigra*  
*Teleonemia scrupulosa*  
*Tetraleurodes acaciae*  
*Tetraleurodes mori*  
*Thyanta accerra*  
*Toxotrypana curvicauda*  
*Trionymus sacchari*  
*Xyleborus confusus*  
*Xyleborus fuscatus*  
*Xyleborus propinquus*  
*Zabrotes subfasciatus*

## NETHERLANDS:

*Anuraphis tulipae*

## NICARAGUA:

*Conotrachelus flavangulus*  
*Laemophloeus suturalis*

## PALESTINE:

*Eurytoma pistaciae*

## PANAMA:

*Aganectesis indecora*  
*Anastrepha mombinpraeoptans*  
*Chrysomphalus umboniferus*  
*Phelomerus aberrans*

## PERU:

*Dinoderus bifoveolatus*  
*Eumecosomes nubila*  
*Euscepes postfasciatus*  
*Gnorimoschema plaesiosema*  
*Mordellistena chapini*  
*Pagiocerus rimosus*

## PHILIPPINES:

*Antonina indica*  
*Aspidiotus coryphae*  
*Aspidiotus palmae*  
*Callosobruchus chinensis*  
*Callosobruchus maculatus*  
*Chrysomphalus rossi*  
*Cylas formicarius*  
*Cylas turcippennis*  
*Dinoderus bifoveolatus*  
*Hercinotrips femoralis*  
*Leucaspis cockerelli*  
*Orchidophilus aeternus*  
*Parlatoria pseudaspidiotus*  
*Pinnaaspis townsendi*  
*Pseudococcus lilacinus*  
*Sinozyllon anale*  
*Sinozyllon conigerum*  
*Sternocetus mangiferae*

## PORTUGAL:

*Anuraphis apiifolia*  
*Bruchus tristictus*  
*Ceratitis capitata*  
*Ceroplastes ruscii*  
*Epidiaspis piricola*  
*Iridomyrmex humilis*  
*Laspeyresia splendana*  
*Nicobium castaneum*  
*Nicobium hirtum*  
*Pseudococcus boninis*  
*Psylliodes chrysocephala*  
*Stephanoderes hampei*

## PUERTO RICO:

*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Antonina cravi*  
*Aspidiotus destructor*  
*Asterolecanium bambusae*  
*Callosobruchus chinensis*  
*Coccus viridis*  
*Corcyra cephalonica*  
*Cylas formicarius*  
*Euscepes postfasciatus*  
*Haplothrips gordeyi*  
*Maruca testulalis*

## Country of origin and insects—Continued

## PUERTO RICO—Continued.

*Pectinophora gossypiella*  
*Pseudoschnaspis boureyi*  
*Pseudoparlatoria ostreata*  
*Targionia sacchari*

## QUEENSLAND:

*Ceratitis capitata*

## RUMANIA:

*Bruchus rufipes*

## ST. LUCIA:

*Targionia hartii*

## ST. VINCENT:

*Pectinophora gossypiella*  
*Targionia hartii*

## SCOTLAND:

*Corcyra cephalonica*  
*Micrelus ericae*  
*Taeniothrips ericae*

## SPAIN:

*Laspeyresia splendana*  
*Penichroa fasciata*

## STRAITS SETTLEMENTS:

*Parlatoria pseudaspidotus*  
*Pinnaspis townsendi*

## SUMATRA:

*Stephanoderes hampei*

## SWITZERLAND:

*Epiciaspis piricola*

## TAHITI:

*Icerya seychellarum*  
*Trionymus sacchari*

## THAILAND:

*Orchidophilus aterrimus*  
*Parlatoria pseudaspidotus*

## TRINIDAD:

*Anastrepha fraterculus*  
*Anastrepha serpentina*  
*Asterolecanium aureum*  
*Aulacaspis mangiferae*

## TRINIDAD—Continued.

*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Maruca testulalis*  
*Rhinococcus stigma*  
*Vinsonia stelfifera*

## UNION OF SOUTH AFRICA:

*Bruchidius versicolor*  
*Diaspis zamiae*  
*Frankliniella schultzei*  
*Hiercinothrips dimidiatus*  
*Taeniothrips fumosa*

## URUGUAY:

*Rhipibruchus picturatus*

## VENEZUELA:

*Acanthoscelides armitagei*  
*Anaphothrips orchidaceus*  
*Asterolecanium aureum*  
*Callosobruchus maculatus*  
*Chrysomphalus alienus*  
*Cligenes picturata*  
*Coccus viridis*  
*Eurytoma orchidearum*  
*Exptochiomeria oblonga*  
*Furcaspis biformis*  
*Iridomyrmex iniquus nigella*  
*Lecaniodiaspis dendrobii*  
*Mordellistena cattleyana*  
*Nysius callifer*  
*Ozophora gracilipes*  
*Protopulvinaria pyriformis*  
*Taeniothrips simplex*  
*Tenthercoris bicolor*

## VIRGIN ISLANDS:

*Euscepes postfasciatus*  
*Maruca testulalis*  
*Setomorpha insectella*

## WEST INDIES:

*Targionia sacchari*

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive

[All findings marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acrospira macrosporoidea</i> (Berk.) Wilt.: <i>Gladiolus</i> sp.-----	New Zealand-----	-----	-----	1	N. J.
<i>Albugo bliti</i> (Biv.) O. Kuntze: <i>Amaranthus</i> sp.-----	Mexico-----	1	-----	-----	Tex.
<i>Alternaria dianthi</i> Stevens & Hall: <i>Dianthus</i> sp. (carnation)-----	Bermuda-----	1	-----	-----	N. Y.
<i>Aphelenchoides coffeae</i> (Zimm.) Steiner: <i>Cattleya</i> sp. (orchid)-----	Colombia-----	-----	-----	1	N. Y.
<i>Aphelenchoides parietinus</i> (Bastian) Steiner: <i>Ananas sativus</i> (pineapple)-----	Cuba-----	-----	-----	1	N. Y.
<i>Colocasia esculenta</i> (taro)-----	Azores, Japan-----	1	1	-----	N. Y., Pa.
<i>Lilium longiflorum eximium</i> -----	Bermuda-----	-----	-----	1	N. Y.
<i>Lycopersicum esculentum</i> (tomato)-----	Mexico-----	1	-----	-----	Tex.
<i>Zingiber officinale</i> (ginger)-----	China-----	1	-----	-----	N. Y.
<i>Aphelenchus avenae</i> Bast.: <i>Ficus carica</i> (fig)-----	Portugal-----	-----	-----	1	N. Y.
<i>Hyacinthus</i> sp.-----	England-----	-----	-----	1	N. Y.
<i>Lilium longiflorum eximium</i> -----	Bermuda-----	-----	-----	2	N. Y.
<i>Salvia officinalis</i> (garden sage)-----	Spain-----	1	-----	-----	N. Y.
Soil around banana plants-----	Costa Rica-----	-----	-----	1	N. Y.
<i>Xanthosoma</i> sp.-----	Cuba-----	1	-----	-----	N. Y.
<i>Ascochyta caricae</i> Pat.: <i>Carica papaya</i> (papaya)-----	Brazil-----	1	-----	-----	N. Y.
<i>Aspergillus ochraceus</i> Wilhelm: <i>Gladiolus</i> sp.-----	Turkey-----	-----	-----	1	N. J.
<i>Asterina deltiescens</i> Ell. & Mart.: <i>Persca borbonica</i> (red bay)-----	Mexico-----	2	-----	-----	Tex.
<i>Asterina mexicana</i> Ell. & Ev.: <i>Agave americana</i> (maguey)-----	do-----	1	-----	-----	Tex.
<i>Bacterium citri</i> (Hasse) Doidge: <i>Citrus aurantifolia</i> (lime)-----	Dutch East Indies, India, Java, Philippines.-----	-----	5	-----	Md., Mass., Pa.
<i>Citrus grandis</i> (grapefruit)-----	China-----	-----	1	-----	Calif.*
<i>Citrus sinensis</i> (orange)-----	China, Japan-----	4	2	-----	Calif., Wash.
<i>Citrus</i> sp.-----	Japan-----	-----	1	-----	Calif.*



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Bacterium syringae</i> (Van Hall) E. F. S.: <i>Citrus sinensis</i> .....	Mexico.....	1			Tex.
<i>Bacterium tabacum</i> Wolf & A. C. Foster: <i>Nicotiana tabacum</i> (tobacco).....	Canada.....	1			Mass.
<i>Bacterium tonellianum</i> Ferraris: <i>Nerium oleander</i> (oleander).....	Mexico.....	1			Tex.
<i>Botrytis allii</i> Munn: <i>Allium cepa</i> (onion).....	Chile, Mexico.....	21	1		Ariz., N. Y., Tex.
<i>Bremia lactucae</i> E. Regel: <i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Cephalosporium pammellii purpurascens</i> Buchanan: <i>Malus sylvestris</i> (apple).....	Japan.....		1		La.
<i>Ceratomyces fimbriata</i> (E. & H.) Elliott: <i>Daucus carota</i> (carrot).....	England.....		1		La.
<i>Ceratomyces ips</i> Rumbold: <i>Pinus</i> sp. (pine).....	do.....	8			N. J.
<i>Ceratomyces ulmi</i> (Schwarz) Buis.: <i>Ulmus</i> sp. (elm).....	do.....	10			N. Y.
<i>Cercospora angrei</i> Feuille & Roum.: <i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Odontoglossum</i> sp. (orchid).....	England.....			4	N. J.
<i>Cercospora coffeicola</i> Berk. & C.: <i>Coffea</i> sp.....	Mexico.....			1	N. J.
<i>Cercospora musae</i> Zimm.: <i>Musa</i> sp. (banana).....	Costa Rica, Cuba, Gua- temala, Haiti, Jama- ica, Mexico, Puerto Rico.....	38	2		La., Mass., N. Y., Tex.
<i>Cercospora odontoglossi</i> Prill. & Del.: <i>Odontioda</i> sp. (orchid).....	England.....			1	Calif.*
<i>Odontoglossum</i> sp. (orchid).....	do.....			2	Calif.* & D. C.
<i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp.....	Argentina, Cuba, Puer- to Rico.....	1		2	N. Y.
<i>Cercosporina rhododendri</i> (Ferr.) Sacc.: <i>Rhododendron</i> sp.....	Canada.....			2	Wash.
<i>Cerebella andropogonis</i> Ces.: <i>Paspalum dilatatum</i> (dallis grass).....	Australia.....			1	Md.
<i>Paspalum</i> sp.....	do.....			1	N. Y.
<i>Claviceps microcephala</i> (Wallr.) L. Tul.: <i>Cynodon dactylon</i> (China-aster).....	Union of South Africa.....			1	D. C.
<i>Claviceps paspali</i> (Schw.) Stevens & Hall: <i>Paspalum</i> sp.....	Canal Zone, Costa Rica.....			8	N. Y.
<i>Coleosporium solidaginis</i> (Schw.) Thum.: <i>Callistephus chinensis</i> (China-aster).....	Cuba.....	1			Fla.*
<i>Colletotrichum graminicolum</i> (Ces.) Wils.: <i>Triticum aestivum</i> (wheat).....	Argentina.....	1			La.
<i>Colletotrichum incarnatum</i> Zimm.: <i>Theobroma cacao</i> (cacao).....	Cuba.....	1			Fla.*
<i>Colletotrichum orchidearum</i> Allesch: <i>Ansellia africana</i> (orchid).....	England.....			1	N. J.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	P. R.
<i>Cymbidium</i> sp. (orchid).....	India, Japan.....			2	Calif.* & D. C.
<i>Dendrobium chrysotoxum</i> (orchid).....	Thailand.....			1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	Guadeloupe.....			1	P. R.
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Loekhartia</i> sp. (orchid).....	Guatemala.....			1	Calif.*
<i>Odontoglossum schlieperianum</i> (or- chid).....	Costa Rica.....			1	Calif.*
Orchid.....	Mexico, Venezuela.....	1		2	N. Y., P. R., Tex.
<i>Phalaenopsis grandiflora</i> (orchid).....	Philippines.....			1	Calif.*
<i>Phalaenopsis schilleriana</i> (orchid).....	do.....			1	Calif.*
<i>Phalaenopsis</i> sp. (orchid).....	England.....			1	N. J.
<i>Schomburgkia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Stanhopea</i> sp. (orchid).....	Costa Rica, Mexico.....			2	N. Y., Tex.
<i>Trichopilia tortilis</i> (orchid).....	Mexico.....			2	Calif.*
<i>Vanda sanderiana</i> (orchid).....	Philippines.....			1	Calif.*
<i>Vanda</i> sp. (orchid).....	do.....			1	N. J.
<i>Vanilla</i> sp. (orchid).....	Honduras.....			1	Calif.*
<i>Colletotrichum orchidearum odontoglossi</i> Verpl. & Cl.: <i>Odontoglossum</i> sp. (orchid).....	England.....			1	N. J.
<i>Coniosporium shiraianum</i> (Syd.) Bub.: <i>Bambusa</i> sp.....	Unknown (via England).....		1		Wash.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Coryneopsis microsticta</i> Grove: Rhododendron sp.-----	England-----			1	Wash.
<i>Coryneum betjerinckii</i> Oud.: Amygdalus persica (peach)-----	Mexico-----	1			Tex.
<i>Coryneum microstictoides</i> Sacc. & Panz.: Paeonia moutan var.-----	France, Japan-----			2	Calif.*
<i>Cumminsia sanguinea</i> (Pk.) Arth.: Mahonia aquifolium (?)-----	British Columbia-----			1	N. J.
<i>Cylindrosporium colchici</i> Sacc. (?): Colchicum autumnale (autumn crocus)-----	Hungary, Yugoslavia-----			2	N. Y.
<i>Cytospora ambiens</i> Sacc.: Salix sp. (willow)-----	England-----	1			N. Y.
<i>Dendrodochium lycopersici</i> March.: Lycopersicum esculentum (tomato)-----	Mexico-----	2			Tex.
<i>Diaporthe phaseolorum</i> (Cke. & Ell.) Sacc.: Phaseolus sp. (string bean)-----	Brazil, Mexico, Virgin Islands-----	11	2		Ariz., Mass., Pa., Tex.
<i>Diaporthe phaseolorum</i> (Cke. & Ell.) Sacc. (?): Phaseolus lunatus macrocarpus (lima bean).-----	Bahamas-----		1		Fla.*
<i>Didymellina iridis</i> (Desm.) Hoehn.: Iris sp.-----	Mexico-----			1	Ariz.
<i>Diplodia henriquesiana</i> Trav. & Spessa.: Cattleya sp.-----	Peru-----			1	N. J.
Orchid-----	Chile, Colombia-----		1		N. Y.
<i>Diplodia paraphysaria</i> Sacc.: Orchid-----	Guatemala, Venezuela-----			2	P. R.
<i>Diplodia tubericola</i> (E. & E.) Taub.: Ipomoea batatas (sweetpotato)-----	Argentina, Brazil, Cuba, Hawaii, Mexico, Philippines, Trinidad-----		10		Ga., La., Pa., Tex.
<i>Ditylenchus dipsaci</i> (Kuhn) Filipjev: Narcissus sp.-----	Japan-----		1		N. Y.
<i>Elsinoe australis</i> Bitancourt & Jenkins: Citrus sinensis (orange)-----	Argentina, Brazil-----		3		Mass., N. Y., Tex.
<i>Elsinoe fawcettii</i> Bitancourt & Jenkins: Citrus limona (lemon)-----	Uruguay-----		1		Tex.
<i>Epicoccum nigrum</i> Link: Capsicum annuum (pepper)-----	Mexico-----	8			Ariz.
Lycopersicum esculentum (tomato)-----	do-----	1			Tex.
<i>Erinella longispora</i> (Karst.) Sacc.: Decayed wood-----	Brazil-----	1			N. J.
<i>Erysiphe cichoracearum</i> DC.: Cucurbita maxima (squash)-----	Mexico-----	3			Tex.
Zinnia sp.-----	do-----	2			Tex.
<i>Eutypella cocos</i> Ferd. & Winge: Cocos nucifera (coconut)-----	Canal Zone-----	1			N. Y.
<i>Fusarium heterosporum</i> Nees: Paspalum sp.-----	Australia-----			1	N. Y.
<i>Fusarium moniliforme</i> Sheld.: Zea mays (corn)-----	Union of South Africa-----	1			Wash.
<i>Fusarium niveum</i> EFS. Cucumis sativus (cucumber)-----	Mexico-----	1			Tex.
<i>Gloeosporium affine</i> Sacc.: Dendrobium chrysotozum (orchid)-----	Thailand-----			2	Calif.*
Epidendrum sp. (orchid)-----	Costa Rica-----			1	Wash.
<i>Gloeosporium cattleyae</i> Sacc.: Cattleya mendelii (orchid)-----	Colombia-----			1	P. R.
Cattleya sp. (orchid)-----	Mexico-----			1	Tex.
<i>Gloeosporium cinctum</i> B. & C.: Dendrobium atrovioletaceum (orchid)-----	Australia-----			1	Calif.*
Dendrobium spectabile-----	do-----			1	Calif.*
Odontoglossum sp. (orchid)-----	Mexico-----			1	Tex.
<i>Gloeosporium cymbidii</i> Verpl.: Cymbidium pauwelsi multicolor (orchid).-----	Japan-----			1	Wash.
Cymbidium sp.-----	do-----			2	Wash.
<i>Gloeosporium laeliae</i> Henn.: Laelia purpurata (orchid)-----	Brazil-----			1	Calif.*
<i>Gloeosporium lebbeck</i> Syd.: Albizia lebbeck-----	Honduras-----			1	La.
<i>Gloeosporium orchideorum</i> Karst. & Har.: Orchid-----	Venezuela-----			1	N. Y.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Glomerella cingulata</i> (Stonem.) Spauld. & Schrenk:					
<i>Hibiscus esculentus</i> (okra)	Puerto Rico		1		Tex.
<i>Gymnosporangium globosum</i> Farl.:					
<i>Crataegus</i> sp.	Mexico	1			Tex.
<i>Helicoma olivaceum</i> (Karsten):					
<i>Paeonia moutan</i>	Japan			1	N. J.
<i>Helminthosporium turcicum</i> Pass.:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Tex.
<i>Hendersonia camelliae</i> Pass.:					
<i>Camellia japonica</i> (camellia)	do			1	N. J.
<i>Heterosporium ornithogali</i> Klotzsch.:					
<i>Ornithogalum thyrsoides</i> (chinkerieche).	Union of South Africa	1			Ill.
Jonathan spot:					
<i>Malus sylvestris</i> (apple)	Japan		1		Wash.
<i>Kuehneola malvicola</i> (Speg.) Arth.:					
<i>Hibiscus cardiophyllus</i>	Mexico			1	Tex.
<i>Hibiscus syriacus</i> (shrub-althea)	do	1			Tex.
<i>Leptosphaeria eustoma</i> (Fr.) Sacc.:					
<i>Musa</i> sp. (banana)	Cuba		1		N. Y.
<i>Leptothyrium macrothecium</i> Fekl.:					
<i>Paeonia moutan</i>	Japan			1	N. J.
<i>Macrophoma oncidii</i> P. Henn.:					
<i>Cattleya</i> sp. (orchid)	Mexico			1	Tex.
<i>Cypripedium callosum</i> (orchid)	Thailand			1	Calif.*
<i>Cypripedium haynaldianum</i> (orchid)	Philippines			1	Calif.*
<i>Macrosporium cucumerinum</i> E. & E.:					
<i>Cucurbita maxima</i> (squash)	Mexico	1			Tex.
<i>Marsonia juglandis</i> (Lib.) Sacc.:					
<i>Juglans</i> sp. (walnut)	do	1			Tex.
<i>Melampsora medusae</i> Thum.:					
<i>Populus</i> sp. (cottonwood)	do	1			Tex.
<i>Melanconium betulinum</i> (Pers.) Kleb.:					
<i>Betula</i> sp. (birch)	England	1			N. Y.
<i>Melanconium sacchari</i> Mass.:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico, Philippines	1	1		Pa., Tex.
<i>Meliola citricola</i> Syd.:					
<i>Citrus nobilis deliciosa</i> (tangerine)	China	2			Wash.
<i>Microplodia wistariae</i> Grove:					
<i>Wisteria</i> sp.	Japan			2	Calif.*
<i>Monilochaetes infusans</i> Ell. & Huls.:					
<i>Ipomoea batatas</i> (sweetpotato)	Mexico	4			Ariz., Tex.
<i>Mycosphaerella brassicicola</i> (Fr.) Lindau:					
<i>Brassica oleracea capitata</i> (cabbage)	Ireland		1		Tex.
<i>Mycosphaerella citrullina</i> (Smith) Gross.:					
<i>Citrullus vulgaris</i> (watermelon)	Cuba	1			N. Y.
<i>Cucumis anguria</i> (West Indian gherkin).	Haiti	1			N. Y.
<i>Cucumis sativus</i> (cucumber)	Cuba	22	1		N. Y., Tex.
<i>Cucurbita maxima</i> (squash)	Cuba, Japan, Union of South Africa.	1	2		N. Y.
<i>Luffa cylindrica</i> (dish clout)	Cuba	1			N. Y.
<i>Momordica charantia</i> (balsam-pear)	do	3			N. Y.
<i>Momordica</i> sp.	do	1			N. Y.
<i>Sechium edule</i> (chayote)	Cuba, Jamaica	10	2		N. Y.
<i>Mycosphaerella pinodes</i> (Berk. & Blox) R. E. Stone:					
<i>Pisum sativum</i> (pea)	Portugal	1			Pa.
<i>Vicia faba</i> (fava bean)	do		1		N. Y.
<i>Oidium euonymi-japonici</i> (Arcang.) Sacc.:					
<i>Euonymus japonica</i>	Mexico	1			Tex.
<i>Euonymus japonica variegata</i>	Japan		1		Wash.
<i>Oospora citri-aurantii</i> C. O. Smith:					
<i>Citrus aurantifolia</i> (lime)	Cuba, Haiti, Mexico, Puerto Rico.	2	5		Pa., Tex.
<i>Citrus grandis</i> (grapefruit)	Argentina, Puerto Rico.		2		Pa.
<i>Citrus sinensis</i> (orange)	Haiti		1		Pa.
<i>Fortunella japonica</i> (kumquat)	Philippines		1		Tex.
<i>Panagrolaimus rigidus</i> (Schneider) Thorne:					
Soil around banana plant	Costa Rica			1	N. Y.
<i>Paraphelenchus pseudoparietinus</i> Mie.:					
<i>Salvia officinalis</i> (sage)	Spain	1			N. Y.
<i>Peronospora effusa</i> (Grev.) Ces.:					
<i>Chenopodium album</i> (lambs-quarters)	Mexico	1			Ariz.
<i>Spinacia oleracea</i> (spinach)	do	101			Ariz., Tex.



List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Peronospora pisi</i> (DeBy.) Syd.:					
<i>Pisum sativum</i> (pea).....	Chile, Portugal.....		3		N. Y.
<i>Pestalozzia guepini</i> Desm.:					
<i>Ananas sativus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Pestalozzia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	Canal Zone.....	1			N. Y.
Palm.....	Brazil.....		1		N. Y.
<i>Pestalozzia rhododendri</i> (D. Sacc.) Guba:					
<i>Azalea indica</i> .....	Japan.....			4	Calif.*
<i>Peizizella lythri</i> (Desm.) Shear & Dodge:					
<i>Acer argutum</i> .....	do.....			1	Wash.
<i>Acer carpinifolium</i> (hornbeam maple).....	do.....			2	Wash.
<i>Paeonia moutan</i> .....	France, Japan.....			3	Calif.*, Wash.
<i>Paeonia</i> sp.....	Japan.....			1	N. J.
<i>Thuja</i> sp.....	Canada (?).....			1	Wash.
<i>Trachycarpus excelsa</i> (windmill palm).....	Japan.....			1	Wash.
<i>Phleospora multimaculans</i> Heald. & Wolf.:					
<i>Juglans</i> sp. (walnut).....	Mexico.....	1			Tex.
<i>Phoma bakeriana</i> Sacc.:					
<i>Vigna sinensis</i> (cowpea).....	Dutch Guiana.....		1		La.
<i>Phoma betae</i> (Oud.) Frank:					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Cuba.....	1			N. Y.
<i>Phoma camelliae</i> Pass.:					
<i>Camellia japonica</i> (camellia).....	Japan.....			1	Wash.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus grandis</i> (grapefruit).....	Union of South Africa.....		1		N. Y.
<i>Citrus nobilis deliciosa</i> (tangerine).....	China.....	1			Wash.
<i>Citrus sinensis</i> (orange).....	Union of South Africa.....		1		N. Y.
<i>Phomopsis magnolicola</i> Died.:					
<i>Magnolia</i> sp.....	Japan.....			1	Wash.
<i>Phomopsis vexans</i> (Sacc. & Syd.) Harter:					
<i>Solanum melongena</i> (eggplant).....	Martinique.....		1		Tex.
<i>Phyllachora maydis</i> Maubl.:					
<i>Zea mays</i> (corn).....	Guatemala.....	1			N. Y.
<i>Phyllosticta berolinensis</i> Henn.:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Phyllosticta erythroxylii</i> Graz.:					
<i>Erythroxylon coca</i> (cocaine-tree).....	Peru.....	1			N. Y.
<i>Phyllosticta galactis</i> (Cooke) E. & E.:					
<i>Galax aphylla</i> (galax).....	England.....		1		N. Y.
<i>Phyllosticta gardeniae</i> Cke.:					
<i>Gardenia florida</i> (Cape-jasmine).....	Cuba.....	1			Fla.*
<i>Phyllosticta laelinae</i> Keissler:					
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			1	Wash.
<i>Physalospora cattleyae</i> Maubl. & Lasn.:					
Orchid.....	Guatemala.....			1	P. R.
<i>Physalospora japonica</i> Togashi:					
<i>Camellia japonica</i> var.....	Japan.....			1	Calif.*
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Calif.*
<i>Trichopilia tortilis</i> (orchid).....	do.....			1	Calif.*
<i>Pleosphaerulina briosiana</i> Pollacci:					
<i>Medicago sativa</i> (alfalfa).....	Kenya.....		1		N. Y.
<i>Puccinia allii</i> (DC.) Rud.:					
<i>Allium cepa</i> (onion).....	Spain.....		1		N. Y.
<i>Allium sativum</i> (garlic).....	Argentina, Madeira Is- lands, Spain.....		3		N. Y.
<i>Puccinia coronata</i> Cda.:					
<i>Avena sativa</i> (oats).....	Bahamas.....	1			Fla.*
<i>Puccinia menthae</i> Pers.:					
<i>Mentha</i> sp. (mint).....	Mexico.....		1		Tex.
<i>Puccinia ornithogali-thyrsoides</i> Diet.:					
<i>Ornithogalum</i> sp.....	Union of South Africa.....	1			Wash.
<i>Puccinia polygoni-amphibii persicariae</i> (Str.) Arth.:					
<i>Polygonum</i> sp.....	Canada.....	1			N. Y.
<i>Pucciniopsis caricae</i> Earle:					
<i>Carica papaya</i> (papaya).....	Brazil, Cuba, Jamaica.....	10	8		N. Y.
<i>Pyrenochaeta penicillata</i> Fekl.:					
<i>Medicago sativa</i> (alfalfa).....	Kenya.....		1		N. Y.
<i>Pyrenopeziza medicaginis</i> Fekl.:					
<i>Medicago sativa</i> .....	Mexico.....			1	N. J.
<i>Rhabdospora kirghisorum</i> (Thum.) Sacc.:					
<i>Ephedra vulgaris</i> .....	China.....	1			N. Y.

List of pests collected and reported from July 1, 1940, to June 30, 1941, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Propa- gation	
<i>Rotylenchus bradys</i> (Steiner & LeHew.) Filipjev:					
<i>Dioscorea</i> sp. (yam).....	Jamaica.....	1			N. Y.
<i>Schizophyllum commune</i> Fr.:					
<i>Anisoptera thurifera</i> .....	Philippines.....	1			Wash.
Hardwood log.....	Africa.....	1			N. Y.
<i>Sclerotinia gladioli</i> Drayt.:					
<i>Gladiolus</i> sp.....	Azores, Japan.....			5	Calif.*
<i>Sclerotinia kernerii</i> Wettstein:					
<i>Abies balsamea</i> (balsam fir).....	Newfoundland.....	3			N. Y.
<i>Abies</i> sp.....	Nova Scotia.....	1			N. Y.
<i>Sclerotinia trifoliorum</i> Erikss.:					
<i>Trifolium</i> sp.....	Ireland.....	1			N. Y.
<i>Sclerotium orchidearum</i> P. Henn.:					
Orchid.....	Costa Rica.....			1	Calif.*
<i>Septobasidium prunophilum</i> Couch.:					
<i>Prunus</i> sp.....	Japan.....		1		Calif.*
<i>Septoria apii</i> Chester:					
<i>Apium graveolens</i> (celery).....	Panama.....		1		Tex.
<i>Septoria fructigena</i> Berk. & Curt.:					
<i>Passiflora</i> sp.....	Azores.....		1		Pa.
<i>Septoria hydrangeae</i> Bizz.:					
<i>Hydrangea</i> sp.....	Mexico.....	1			Tex.
<i>Septoria musiva</i> Pk.:					
<i>Populus</i> sp. (cottonwood).....	do.....	1			Tex.
<i>Septoria pisi</i> West.:					
<i>Pisum sativum</i> (pea).....	Chile, Mexico.....	1	1		N. Y., Tex.
<i>Sphaceloma fawcettii scabiosa</i> (McAlp. & Trvon) Jenkins:					
<i>Citrus limonia</i> (lemon).....	Australia.....		1		N. Y.
<i>Sphacelotheca sorghicola</i> (Speg.) Zundel:					
<i>Holcus sorghum</i> var. (broomcorn).....	Argentina.....		1		N. Y.
<i>Sphaerotheca humuli</i> (DC.) Burr.:					
<i>Rosa</i> sp.....	Cuba.....	1			Fla.*
Spindle tuber:					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Fla.*
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain).....	Cuba.....	6			N. Y.
<i>Thecaphora pustulata</i> Clinton:					
<i>Bidens pilosa</i> (?).....	Mexico.....	1			Ariz.
<i>Trochila ilicis</i> (Chev.) Cronan:					
<i>Ilex aquifolium</i> (English holly).....	England.....	1			N. Y.
<i>Trullula olivascens</i> Sacc.:					
<i>Paeonia moultan</i> var.....	France.....			1	Calif.*
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid).....	Costa Rica.....			1	N. J.
<i>Oncidium</i> sp. (orchid).....	Costa Rica, Trinidad.....			2	N. J.
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid).....	Costa Rica.....			1	N. J.
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum</i> sp.....	Venezuela.....			1	N. J.
<i>Uredo incomposita</i> Kern:					
<i>Eleocharis interstincta</i> .....	Haiti.....	1			N. Y.
<i>Uredo jucunda</i> Syd.:					
<i>Philodendron</i> sp.....	Costa Rica.....			1	N. J.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium lanceanum</i> (orchid).....	England.....			1	Calif.*
<i>Oncidium</i> sp.....	Brazil, England, Guatemala.			3	N. J.
<i>Uromyces lespezadeae-procumbentis</i> (Schw.) Curt.:					
<i>Lespezea formosa altiflora</i> (Japanese bushclover).....	Japan.....			2	Wash.
<i>Ustilago nuda</i> (Jens.) Kell. & Sw.:					
<i>Hordeum vulgare</i> (barley).....	Mexico.....	2			Tex.
<i>Ustilago sphaerogena</i> Burr.:					
<i>Echinochloa crus-galli</i> .....	Japan.....	1			Wash.
<i>Valsa massariana</i> DeNot.:					
<i>Sorbus aucuparia</i> .....	Greenland.....		1		Pa.
<i>Vermicularia capsici</i> Syd.:					
<i>Capsicum annuum</i> (pepper).....	Haiti, Mexico.....	1		1	N. Y., Tex.
Virus, mosaic:					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	256			Ariz., Tex.
<i>Lycopersicum esculentum</i> (tomato).....	do.....	1			Ariz.
Virus, spotted wilt:					
<i>Lycopersicum esculentum</i> .....	Cuba, Mexico.....	31			Ariz., Md.

## Hosts and diseases

- ABIES:**  
*Sclerotinia kernerii* (Ascomycetes)  
**ACER:**  
*Peizella lythri* (Ascomycetes)  
**AGAVE:**  
*Asterina mexicana* (Ascomycetes)  
**ALBIZZIA:**  
*Gloeosporium lebbe* (Deuteromycetes)  
**ALLIUM CEPA:**  
*Botrytis allii* (Deuteromycetes)  
*Puccinia allii* (Promycetes)  
**ALLIUM SATIVUM:**  
*Puccinia allii* (Promycetes)  
**AMARANTHUS:**  
*Albugo bliti* (Phycmycetes)  
**AMYGDALUS PERSICA:**  
*Coryneum beijerinckii* (Deuteromycetes)  
**ANANAS:**  
*Aphelenchoides parietinus* (Nematoda)  
*Pestalozzia guepini* (Deuteromycetes)  
**ANISOPTERA:**  
*Schizophyllum commune* (Basidiomycetes)  
**ANSELLIA**—See Orchidaceae  
**APIUM:**  
*Septoria apii* (Deuteromycetes)  
**AVENA:**  
*Puccinia coronata* (Promycetes)  
**AZALEA:**  
*Pestalozzia rhododendri* (Deuteromycetes)  
**BAMBUSA:**  
*Coryosporium shiraianum* (Deuteromycetes)  
**BETA:**  
*Phoma betae* (Deuteromycetes)  
**BETULA:**  
*Melanconium betulinum* (Deuteromycetes)  
**BIDENS:**  
*Thecaphora pustulata* (Promycetes)  
**BRASSIA**—See Orchidaceae  
**BRASSICA OLERACEA CAPITATA:**  
*Mycosphaerella brassicicola* (Ascomycetes)  
**CALLISTEPHUS:**  
*Coleosporium solidaginis* (Promycetes)  
**CAMELLIA:**  
*Hendersonia camelliae* (Deuteromycetes)  
*Phoma camelliae* (Deuteromycetes)  
*Physalospora japonica* (Ascomycetes)  
**CAPSIUM:**  
*Epicoccum nigrum* (Deuteromycetes)  
*Vermicularia capsici* (Deuteromycetes)  
Virus (mosaic)  
**CARICA:**  
*Ascochyta caricae* (Deuteromycetes)  
*Pucciniopsis caricae* (Deuteromycetes)  
**CATTLEYA**—See Orchidaceae  
**CHENOPODIUM:**  
*Peronospora effusa* (Phycmycetes)  
**CITRULLUS:**  
*Mycosphaerella citrullina* (Ascomycetes)  
**CITRUS AURANTIFOLIA:**  
*Bacterium citri* (Schizomycetes)  
*Oospora citri-aurantii* (Deuteromycetes)  
**CITRUS GRANDIS:**  
*Bacterium citri* (Schizomycetes)  
*Oospora citri-aurantii* (Deuteromycetes)  
*Phoma citricarpa* (Deuteromycetes)  
**CITRUS LIMONIA:**  
*Elsinoe fawcettii* (Ascomycetes)  
*Elsinoe fawcettii scabiosa* (Ascomycetes)  
**CITRUS NOBILIS DELICIOSA:**  
*Meliola citricola* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
**CITRUS SINENSIS:**  
*Bacterium citri* (Schizomycetes)  
*Bacterium syringae* (Schizomycetes)  
*Elsinoe australis* (Ascomycetes)  
*Oospora citri-aurantii* (Deuteromycetes)  
*Phoma citricarpa* (Deuteromycetes)  
**CITRUS SP.:**  
*Bacterium citri* (Schizomycetes)  
**COCOS:**  
*Eutypella cocos* (Ascomycetes)  
*Pestalozzia palmarum* (Deuteromycetes)  
**COFFEA:**  
*Cercospora coffeicola* (Deuteromycetes)  
**COLCHICUM:**  
*Cylindrosporium colchici* (Deuteromycetes)  
**COLOCASIA:**  
*Aphelenchoides parietinus* (Nematoda)
- CRATAEGUS:**  
*Gymnosporangium globosum* (Promycetes)  
**CUCUMIS:**  
*Mycosphaerella citrullina* (Ascomycetes)  
*Fusarium niveum* (Deuteromycetes)  
*Mycosphaerella citrullina* (Ascomycetes)  
**CUCURBITA:**  
*Erysiphe cichoracearum* (Ascomycetes)  
*Macrosporium cucumerinum* (Deuteromycetes)  
*Mycosphaerella citrullina* (Ascomycetes)  
**CYMBIDIUM**—See Orchidaceae  
**CYNODON:**  
*Claviceps microcephala* (Ascomycetes)  
**CYPRIPEDIUM**—See Orchidaceae  
**DAUCUS:**  
*Ceratostomella fimbriata* (Ascomycetes)  
**DENDROBIUM**—See Orchidaceae  
**DIOSCOREA:**  
*Rotylenchus bradys* (Nematoda)  
**DIANTHUS:**  
*Alternaria dianthi* (Deuteromycetes)  
**ECHINOCHLOA:**  
*Ustilago spheerogena* (Promycetes)  
**ELEOCHARIS:**  
*Uredo incomposita* (Promycetes)  
**EPHEDRA:**  
*Rhabdospora kirghisorum* (Ascomycetes)  
**EPIDENDRUM**—See Orchidaceae  
**ERYTHROXYLON:**  
*Phyllosticta erythrozylis* (Basidiomycetes)  
**EUONYMUS:**  
*Oidium euonymi japonici* (Deuteromycetes)  
**FICUS:**  
*Aphelenchus avenae* (Nematoda)  
**FORTUNELLA:**  
*Oospora citri-aurantii* (Deuteromycetes)  
**GALAX:**  
*Phyllosticta galactis* (Deuteromycetes)  
**GARDENIA:**  
*Phyllosticta gardeniae* (Deuteromycetes)  
**GLADIOLUS:**  
*Acrospira macrosporoidea* (Deuteromycetes)  
*Aspergillus ochraceus* (Deuteromycetes)  
*Sclerotinia gladioli* (Ascomycetes)  
**HIBISCUS:**  
*Glomerella cingulata* (Ascomycetes)  
*Kuehneola malricola* (Promycetes)  
**HOLCUS:**  
*Sphaerolotheca sorghicola* (Promycetes)  
**HORDEUM:**  
*Ustilago nuda* (Promycetes)  
**HYACINTHUS:**  
*Aphelenchus avenae* (Nematoda)  
**HYDRANGEA:**  
*Septoria hydrangeae* (Deuteromycetes)  
**ILEX:**  
*Trochila ilicis* (Ascomycetes)  
**IPOMOEA:**  
*Diplodia tubericola* (Deuteromycetes)  
*Monilochaetes infusans* (Deuteromycetes)  
**IRIS:**  
*Didymella iridis* (Ascomycetes)  
**JUGLANS:**  
*Marsonia juglandis* (Deuteromycetes)  
*Phloeospora multumaculans* (Deuteromycetes)  
**LACTUCA:**  
*Bremia lactucae* (Phycmycetes)  
**LAELIA**—See Orchidaceae  
**LESPEDeza:**  
*Uromyces lespedezae-procumbentis* (Promycetes)  
**LOG:**  
*Schizophyllum commune* (Basidiomycetes)  
**LILIUM:**  
*Aphelenchoides parietinus* (Nematoda)  
*Aphelenchus avenae* (Nematoda)  
**LOCKHARTIA**—See Orchidaceae  
**LUFFA:**  
*Mycosphaerella citrullina* (Ascomycetes)  
**LYCOPERSICUM:**  
*Aphelenchoides parietinus* (Nematoda)  
*Dendrodochium lycopersici* (Deuteromycetes)  
*Epicoccum nigrum* (Deuteromycetes)  
Virus (mosaic)  
Virus (spotted wilt)  
**MAGNOLIA:**  
*Phomopsis magnolicola* (Deuteromycetes)  
**MAHONIA:**  
*Cumminsia sanguinea* (Promycetes)



## Hosts and diseases—Continued

- MALUS:**  
*Cephalosporium pammellii purpurascens* (Deuteromycetes)  
 Jonathan spot
- MEDICAGO:**  
*Pleosphaerulina briosiana* (Ascomycetes)  
*Pyrenochaeta penicillata* (Deuteromycetes)  
*Pyrenopeziza medicaginis* (Ascomycetes)
- MENTHA:**  
*Puccinia menthae* (Promycetes)
- MOMORDICA:**  
*Mycosphaerella citrullina* (Ascomycetes)
- MUSA PARADISIACA:**  
*Stachyldium theobromae* (Deuteromycetes)
- MUSA SP.:**  
*Cercospora musae* (Deuteromycetes)  
*Leptosphaeria eustoma* (Ascomycetes)
- NARCISSUS:**  
*Ditylenchus dipsaci* (Nematoda)
- NERIUM:**  
*Bacterium tonellianum* (Schizomycetes)
- NICOTIANA:**  
*Bacterium tabacum* (Schizomycetes)
- ODONTIODA**—See Orchidaceae
- ODONTOGLOSSUM**—See Orchidaceae
- ONCIDIUM**—See Orchidaceae
- ORCHIDACEAE:**  
*Aphelenchoides coffeae* (Nematoda)  
*Cercospora angrei* (Deuteromycetes)  
*Cercospora odontoglossi* (Deuteromycetes)  
*Colletotrichum orchidearum* (Deuteromycetes)  
*Diplodia henriquesiana* (Deuteromycetes)  
*Diplodia paraphysaria* (Deuteromycetes)  
*Gloeosporium affine* (Deuteromycetes)  
*Gloeosporium cattleyae* (Deuteromycetes)  
*Gloeosporium cinctum* (Deuteromycetes)  
*Gloeosporium cymbidii* (Deuteromycetes)  
*Gloeosporium laeliae* (Deuteromycetes)  
*Gloeosporium orchidearum* (Deuteromycetes)  
*Macrophoma oncidii* (Deuteromycetes)  
*Phyllosticta laeliae* (Deuteromycetes)  
*Phyalospora cattleyae* (Ascomycetes)  
*Phyalospora orchidearum* (Ascomycetes)  
*Sclerotium orchidearum* (Deuteromycetes)  
*Uredo behnickiana* (Promycetes)  
*Uredo epidendri* (Promycetes)  
*Uredo guarae* (Promycetes)  
*Uredo oncidii* (Promycetes)
- ORNITHOGALUM:**  
*Heterosporium ornithogali* (Deuteromycetes)  
*Puccinia ornithogali-thyrsoides* (Promycetes)
- PAEONIA:**  
*Coryneum microstictoides* (Deuteromycetes)  
*Helicoma olivaceum* (Deuteromycetes)  
*Leptothyrium macrothecium* (Deuteromycetes)  
*Peizella lythri* (Ascomycetes)  
*Trullula olivascens* (Deuteromycetes)
- PALM:**  
*Pestalozzia palmarum* (Deuteromycetes)
- PASPALUM:**  
*Cerebella andropogonis* (Deuteromycetes)  
*Claviceps paspali* (Ascomycetes)  
*Fusarium heterosporum* (Deuteromycetes)
- PASSIFLORA:**  
*Septoria fructigena* (Deuteromycetes)
- PERSEA:**  
*Asterina delitescens* (Ascomycetes)
- PHASEOLUS LUNATUS MACROCARPUS:**  
*Diaporthe phaseolorum* (Ascomycetes)
- PHASEOLUS SP.** (string bean):  
*Diaporthe phaseolorum* (Ascomycetes)
- PHALAENOPSIS**—See Orchidaceae
- PHILODENDRON:**  
*Uredo jucunda* (Promycetes)
- PINUS:**  
*Ceratostomella ips* (Ascomycetes)
- PISUM:**  
*Mycosphaerella pinodes* (Ascomycetes)  
*Peronospora pisi* (Phycomycetes)  
*Septoria pisi* (Deuteromycetes)
- POLYGONUM:**  
*Puccinia polygoni-amphibii persicariae* (Promycetes)
- POPULUS:**  
*Melampsora medusae* (Promycetes)  
*Septoria musiva* (Deuteromycetes)
- PRUNUS:**  
*Septobasidium prunophilum* (Basidiomycetes)
- RHODODENDRON:**  
*Cercosporina rhododendri* (Deuteromycetes)  
*Coryneopsis microsticta* (Deuteromycetes)  
*Phyllosticta berolinensis* (Deuteromycetes)
- ROSA:**  
*Cercospora rosicola* (Deuteromycetes)  
*Sphaerotheca humuli* (Ascomycetes)
- SACCHARUM:**  
*Helminthosporium turcicum* (Deuteromycetes)  
*Melanconium sacchari* (Deuteromycetes)
- SALIX:**  
*Cytospora ambiens* (Deuteromycetes)
- SALVIA:**  
*Aphelenchus avenae* (Nematoda)  
*Paraphelenchus pseudoparietinus* (Nematoda)
- SCHOMBURGKIA**—See Orchidaceae
- SECHUIM:**  
*Mycosphaerella citrullina* (Ascomycetes)
- SOIL:**  
*Aphelenchus avenae* (Nematoda)  
*Panagrolaimus rigidus* (Nematoda)
- SOLANUM MELONGENA:**  
*Phomopsis rezans* (Deuteromycetes)
- SOLANUM TUBEROSUM:**  
 Spindle tuber
- SORBUS:**  
*Valsa massarina* (Ascomycetes)
- SPINACIA:**  
*Peronospora effusa* (Phycomycetes)
- STANOHOPEA**—See Orchidaceae
- THEOBROMA:**  
*Colletotrichum incarnatum* (Deuteromycetes)
- THUYA:**  
*Peizella lythri* (Ascomycetes)
- TRACHYCARPUS:**  
*Peizella lythri* (Ascomycetes)
- TRICHOPILIA**—See Orchidaceae
- TRIFOLIUM SP.:**  
*Sclerotinia trifoliorum* (Ascomycetes)
- TRITICUM:**  
*Colletotrichum graminicolum* (Deuteromycetes)
- THEOBROMA:**  
*Colletotrichum incarnatum* (Deuteromycetes)
- ULMUS:**  
*Ceratostomella ulmi* (Ascomycetes)
- VANILLA**—See Orchidaceae
- VICIA:**  
*Mycosphaerella pinodes* (Ascomycetes)
- VIGNA:**  
*Phoma bakeriana* (Deuteromycetes)
- WISTERIA:**  
*Microdiplodia wistaridae* (Deuteromycetes)
- WOOD:**  
*Erinella ionaispora* (Ascomycetes)
- XANTHOSOMA:**  
*Aphelenchus avenae* (Nematoda)
- ZEAL:**  
*Fusarium moniliforme* (Deuteromycetes)  
*Phyllachora maydis* (Ascomycetes)
- ZINGIBER:**  
*Aphelenchoides parietinus* (Nematoda)
- ZINNIA:**  
*Erysiphe cichoracearum* (Ascomycetes)

## Country of origin and diseases

- AFRICA:**  
*Schizophyllum commune*
- ARGENTINA:**  
*Cercospora rosicola*  
*Colletotrichum graminicolum*  
*Diplodia tubericola*  
*Elsinoe australis*  
*Oospora citri-aurantii*  
*Puccinia allii*  
*Sphacelotheca sorghicola*

- AUSTRALIA:**  
*Cerebella andropogonis*  
*Fusarium heterosporum*  
*Gloeosporium cinctum*  
*Sphaceloma fauettii scabiosa*
- AZORES:**  
*Aphelenchoides parietinus*  
*Sclerotinia gladioli*  
*Septoria fructigena*

## Country of origin and diseases—Continued

- BAHAMAS:**  
*Diaporthe phaseolorum*  
*Puccinia coronata*
- BERMUDA:**  
*Alternaria dianthi*  
*Aphelenchoides parietinus*  
*Aphelenchus arenae*
- BRAZIL:**  
*Ascochyta caricae*  
*Diaporthe phaseolorum*  
*Diplodia tubericola*  
*Elsinoe australis*  
*Erinella longispora*  
*Gloeosporium laeliae*  
*Pestalozzia palmarum*  
*Pucciniopsis caricae*  
*Uredo oncidii*
- BRITISH COLUMBIA:**  
*Cumminsia sanguinea*
- CANADA:**  
*Bacterium tabacum*  
*Cercosporina rhododendri*  
*Pezizella lythri*  
*Puccinia polygoni-amphibii persicariae*
- CANAL ZONE**  
*Claviceps paspali*  
*Eutypella cocos*  
*Pestalozzia palmarum*
- CHILE:**  
*Botrytis allii*  
*Diplodia henriquesiana*  
*Peronospora pisi*  
*Septoria pisi*
- CHINA:**  
*Aphelenchoides parietinus*  
*Bacterium citri*  
*Meliola citricola*  
*Phoma citricarpa*  
*Rhabdospora kirghisorum*
- COLOMBIA:**  
*Aphelenchoides coffeae*  
*Diplodia henriquesiana*  
*Gloeosporium cattleyae*
- COSTA RICA:**  
*Aphelenchus arenae*  
*Cercospora musae*  
*Claviceps paspali*  
*Colletotrichum orchidearum*  
*Gloeosporium affine*  
*Panagrolaimus rigidus*  
*Phyllosticta laeliae*  
*Sclerotium orchidearum*  
*Uredo behnickiana*  
*Uredo epidendri*  
*Uredo jucunda*
- CUBA:**  
*Aphelenchoides parietinus*  
*Aphelenchus arenae*  
*Cercospora rosicola*  
*Coelosporium solidaginis*  
*Colletotrichum incarnotum*  
*Diplodia tubericola*  
*Mycosphaerella citrullina*  
*Oospora citri-aurantii*  
*Phoma betae*  
*Phyllosticta gardeniae*  
*Pucciniopsis caricae*  
*Sphaerotheca humuli*  
*Stachylidium theobromae*  
*Virus (spotted wilt)*
- DUTCH EAST INDIES:**  
*Bacterium citri*
- DUTCH GUIANA:**  
*Phoma bakeriana*
- ENGLAND:**  
*Aphelenchus arenae*  
*Ceratostomella simbricata*  
*Ceratostomella ips*  
*Ceratostomella ulmi*  
*Cercospora angreci*  
*Cercospora odontoglossi*  
*Colletotrichum orchidearum*  
*Coryneopsis microsticta*  
*Cytospora ambiens*  
*Melanconium betulinum*  
*Phyllosticta herolensis*  
*Phyllosticta galactis*  
*Trochila ilicis*  
*Uredo oncidii*
- FRANCE:**  
*Coryneum microstictoides*  
*Pezizella lythri*  
*Trullula olivascens*
- GREENLAND:**  
*Valsa massariana*
- GUADELOUPE:**  
*Colletotrichum orchidearum*
- GUATEMALA:**  
*Cercospora musae*  
*Colletotrichum orchidearum*  
*Diplodia paraphysaria*  
*Phyllachora maydis*  
*Physalospora cattleyae*  
*Uredo oncidii*
- HAITI:**  
*Cercospora musae*  
*Mycosphaerella citrullina*  
*Oospora citri-aurantii*  
*Uredo incomposita*  
*Vernicularia capsici*
- HAWAII:**  
*Diplodia tubericola*
- HONDURAS:**  
*Colletotrichum orchidearum*  
*Gloeosporium lebbec*
- HUNGARY:**  
*Cylindrosporium colchici*
- INDIA:**  
*Bacterium citri*  
*Colletotrichum orchidearum*
- IRELAND:**  
*Mycosphaerella brassicicola*  
*Sclerotinia trifoliorum*
- JAMAICA:**  
*Cercospora musae*  
*Mycosphaerella citrullina*  
*Pucciniopsis caricae*  
*Rotylenchus bradyi*
- JAPAN:**  
*Aphelenchoides parietinus*  
*Bacterium citri*  
*Cephalosporium pammellii purpurascens*  
*Colletotrichum orchidearum*  
*Coryneum microstictoides*  
*Ditylenchus dipsaci*  
*Gloeosporium cymbidii*  
*Helicoma olivaceum*  
*Jonathan spot*  
*Leptothyrium macrothecium*  
*Microdiplodia wistariae*  
*Mycosphaerella citrullina*  
*Oidium euonymi japonici*  
*Pestalozzia rhododendri*  
*Pezizella lythri*  
*Phoma camelliae*  
*Phomopsis magnolicola*  
*Physalospora japonica*  
*Sclerotinia gladioli*  
*Septobasidium prunophilum*  
*Uromyces lespedezae-procumbentis*  
*Ustilago sphaerogena*
- JAVA:**  
*Bacterium citri*
- KENYA:**  
*Pleosphaerulina briosiana*  
*Pyrenochaeta penicillata*
- MADEIRA ISLANDS:**  
*Puccinia allii*
- MARTINIQUE:**  
*Phomopsis vezans*
- MEXICO:**  
*Allbuga bliti*  
*Aphelenchoides parietinus*  
*Asterina delitescens*  
*Asterina mexicana*  
*Bacterium syringae*  
*Bacterium tonnellianum*  
*Botrytis allii*  
*Bremia lactucae*  
*Cercospora angreci*  
*Cercospora coffeicola*  
*Cercospora musae*  
*Colletotrichum orchidearum*  
*Coryneum beijerinckii*  
*Dendrodochium lycopersici*  
*Diaporthe phaseolorum*  
*Didymella tridisi*  
*Diplodia tubericola*  
*Epitocum nigrum*

## Country of origin and diseases—Continued

## MEXICO—Continued.

*Erysiphe cichoracearum*  
*Fusarium nivum*  
*Gloeosporium cattleae*  
*Gloeosporium cinctum*  
*Gymnosporangium globosum*  
*Helminthosporium turcicum*  
*Hendersonia camelliae*  
*Kuehneola malvicia*  
*Leptosphaeria eustoma*  
*Macrophoma oncidii*  
*Macrosporium cucumerinum*  
*Marsonia juglandis*  
*Melampsora medusae*  
*Melanconium sacchari*  
*Monilochactes infuscanse*  
*Oidium euonymi-japonici*  
*Oospora citri-aurantii*  
*Peronospora effusa*  
*Pestalozzia guepini*  
*Phleospora multimaculans*  
*Physalospora orchidearum*  
*Puccinia menthae*  
*Pyrenopeziza medicaginis*  
*Septoria hydrangeae*  
*Septoria musiva*  
*Septoria pisi*  
*Thecaphora pustulata*  
*Ustilago nuda*  
*Vermicularia capsici*  
*Virus (mosaic)*  
*Virus (spotted wilt)*

## NEW FOUNDLAND:

*Sclerotinia kernerii*

## NEW ZEALAND:

*Acrospeira macrosporoidea*

## NOVA SCOTIA:

*Sclerotinia kernerii*

## PANAMA:

*Septoria apii*

## PERU:

*Diplodia henriquesiana*  
*Phyllosticta erythreyli*  
 Spindle tuber

## PHILIPPINES:

*Bacterium citri*  
*Colletotrichum orchidearum*

## PHILIPPINES—Continued.

*Diplodia tubericola*  
*Macrophoma oncidii*  
*Melanconium sacchari*  
*Oospora citri-aurantii*  
*Schizophyllum commune*

## PORTUGAL:

*Aphelenchus avenae*  
*Mycosphaerella pinodes*  
*Peronospora pisi*

## PUERTO RICO:

*Cercospora rosicola*  
*Glomerella cingulata*  
*Oospora citri-aurantii*

## SPAIN:

*Aphelenchus avenae*  
*Paraphelenchus pseudoparietinus*  
*Puccinia allii*

## THAILAND:

*Colletotrichum orchidearum*  
*Gloeosporium affine*  
*Macrophoma oncidii*

## TRINIDAD:

*Diplodia tubericola*  
*Uredo behnickiana*

## TURKEY:

*Aspergillus ochraceus*

## UNION OF SOUTH AFRICA:

*Claviceps microcephala*  
*Fusarium moniliforme*  
*Heterosporium ornithogali*  
*Mycosphaerella citrullina*  
*Phoma citricarpa*  
*Puccinia ornithogali-thyrsoidea*

## UNKNOWN (via England):

*Coniosporium shiraianum*

## URUGUAY:

*Elsinoe fawcettii*

## VENEZUELA:

*Colletotrichum orchidearum*  
*Diplodia paraphysaria*  
*Gloeosporium orchidearum*  
*Uredo guacae*

## VIRGIN ISLANDS:

*Diaporthe phaseolorum*

## YUGOSLAVIA:

*Cylindrosporium colchici*





UNIVERSITY OF FLORIDA



3 1262 09082 4862